

# Products from *Catalloy* technology, Polypropylene and Polybutene-1 grades

Selection Guide – Europe



# Products from *Catalloy* technology, Polypropylene and Polybutene-1 grades

Grades used in BOPP and double bubble film applications – properties and typical customer applications

S – Slip  
N – Nucleated  
AB – Anti-block  
CR – Controlled Rheology  
AS – Anti-static  
CSNA – Calcium Stearate Not Added

Grade Name	Typical Resin Properties									Typical Customer Applications																
	"MFR (190°C/2,16 kg) [g/10 min] ISO 1133"	"MFR (230°C/2,16 kg) [g/10 min] ISO 1133"	"Density [g/cm³] ISO 1183"	"Melting Temperature [°C] Internal method"	"Vicat Softening Temperature A50 (50°C/h 10 N) [°C] ISO 306/A"	"Sealing Initiation Temperature (SIT) [°C] - Internal method"	"Flexural Modulus [MPa] ISO 178"	Molecular Weight Distribution (MWD)	Additivations	General purpose	Low ash content	Breathable	Flower	Food Packaging	Label	Lamination	Tapes	Metallizable	Shrink Film	Stationary	Tailoring Sealing Properties (Hot-tack, SIT)	Textile packaging	Twist wrap	Seal peel to PP	Non Phthalate	Non-Animal Derived Additives (NADA)
Moplen HP520H	-	2.0	0.90	160	155	-	1450	-	-	•			•	•	•	•	•	•	•		•			•	•	•
Moplen HP522H	-	2.0	0.90	160	155	-	1450	-	CSNA	•			•	•	•	•	•	•	•					•	•	•
Moplen HP422H	-	2.0	0.90	158	153	-	1450	-	CSNA	•			•	•	•	•	•	•	•					•	•	•
Moplen HP525J	-	3.0	0.90	160	154	-	1450	-	CSNA	•			•	•	•	•	•	•	•					•	•	•
Moplen HP526J	-	3.0	0.90	160	154	-	1450	CR	CSNA	•			•	•	•	•	•	•	•					•	•	•
Moplen HP520J HP	-	3.0	0.90	160	154	-	1450	-	-	•	•		•	•	•	•	•	•	•					•	•	•
Moplen HP420M	-	8.0	0.90	160	153	-	1350	-	-	•		•	•	•	•	•	•	•	•		•			•	•	•
Adstif HA612M	-	7.0	0.90	165	160	-	1900	Broad	CSNA	•			•	•	•	•	•	•	•		•	•		•	•	•
Adstif HA622M	-	7.0	0.90	165	160	-	2200	Broad	CSNA - N	•			•	•	•	•	•	•	•		•	•		•	•	•
Adstif HA622H	-	2.0	0.90	164	160	-	1750	-	CSNA	•			•	•	•	•	•	•	•			•		•	•	•
Adstif HA620J HP	-	3.0	0.90	164	160	-	1750	-	-	•	•		•	•	•	•	•	•	•			•		•	•	•
Moplen RP410M HP	-	7.0	0.90	157	137	132	850	-	-				•	•	•	•	•	•	•					•	•	•
Moplen RP210G	-	1.8	0.90	144	135	130	850	-	-				•	•	•	•	•	•	•					•	•	•
Clyrell RC112G	-	1.7	0.90	130	113	113	450	CR	-				•	•	•	•	•	•	•					•	•	•
Clyrell RC112L	-	7.0	0.90	130	118	113	450	CR	CSNA				•	•	•	•	•	•	•					•	•	•
Clyrell RC213M	-	10.5	0.90	140	130	120	1000	-	AB - CSNA				•	•	•	•	•	•	•			•		•	•	•
Adsyl RC129L ST	-	5.5	0.90	130	111	115	-	CR	AB				•	•	•	•	•	•	•					•	•	•
Adsyl RC3800 ST	-	6.0	0.90	130	111	105	-	CR	AB				•	•	•	•	•	•	•					•	•	•
Adsyl 3 C 30 F HP	-	5.5	0.90	137	122	112	-	-	CSNA				•	•	•	•	•	•	•					•	•	•
Adsyl 3 C 90 F HP	-	5.5	0.90	137	122	112	-	-	CSNA				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 30 F	-	5.5	0.90	132	111	105	-	-	-				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 37 F	-	5.5	0.90	132	111	105	-	-	S - AB				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 39 F	-	5.5	0.90	132	111	105	-	-	AB				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 90 F	-	5.5	0.90	132	111	105	-	-	-				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 97 F	-	5.5	0.90	132	111	105	-	-	S - AB				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 99 F	-	5.5	0.90	132	111	105	-	-	AB				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 33 F	-	5.5	0.90	132	111	105	-	-	CSNA				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 30 F ST	-	6.0	0.90	132	111	105	-	CR	-				•	•	•	•	•	•	•					•	•	•
Adsyl 5 C 37 F ST	-	6.0	0.90	132	111	105	-	CR	S - AB				•	•	•	•	•	•	•					•	•	•
Adsyl 6 C 30 F	-	5.5	0.90	126	107	95	-	CR	-				•	•	•	•	•	•	•					•	•	•
Adsyl 7572 XCP	-	5.5	0.90	126	105	92	-	CR	-				•	•	•	•	•	•	•					•	•	•
Adsyl 7410 XCP	-	5.5	0.90	125	96	75	-	CR	CSNA				•	•	•	•	•	•	•					•	•	•
Adflex Q 100 F	-	0.6	0.88	142	60	-	100	-	-				•	•	•	•	•	•	•					•	•	•
Adflex Q 300 F	-	0.8	0.88	163	78	-	330	-	-				•	•	•	•	•	•	•					•	•	•
Adflex C 200 F	-	6.0	0.89	142	80	-	200	-	-				•	•	•	•	•	•	•					•	•	•
Adflex Q 190 F	-	0.6	0.88	142	60	-	100	-	-				•	•	•	•	•	•	•					•	•	•
Adflex C 290 F	-	6.0	0.88	142	80	-	200	-	-				•	•	•	•	•	•	•					•	•	•
Toppyl SP 2101 C NP	-	9.0	0.91	143	-	-	-	-	S - AB				•	•	•	•	•	•	•				•	•	•	•
Toppyl SP 2103 C NP	-	7.0	0.90	137	-	-	-	-	-				•	•	•	•	•	•	•					•	•	•
Toppyl SP 2104 C NP	-	7.5	0.90	132	-	-	-	-	S - AB				•	•	•	•	•	•	•					•	•	•
Koattro KT MR 05	1.3	3.5	0.89	-	-	-	10	-	-				•	•	•	•	•	•	•					•	•	•
Toppyl PB 8220M	2.5	7.5	0.90	97	88	-	140	-	-				•	•	•	•	•	•	•					•	•	•
Toppyl PB 8310M	3.5	10.0	0.90	94	80	-	120	-	-				•	•	•	•	•	•	•					•	•	•

For information regarding Non-Animal Derived Additives (NADA) product availability please contact your local ADTS Engineer

# Products from *Catalloy* technology, Polypropylene and Polybutene-1 grades

Grades used in cast and blown film applications – properties and typical customer applications

S – Slip  
N – Nucleated  
AB – Anti-block  
CR – Controlled Rheology  
AS – Anti-static  
CSNA – Calcium Stearate Not Added

Grade Name	Typical Resin Properties									Typical Customer Applications																					
	"MFR (190°C/2,16 kg) [g/10 min] ISO 1133"	"MFR (230°C/2,16 kg) [g/10 min] ISO 1133"	"Density [g/cm³] ISO 1183"	"Melting Temperature [°C] Internal method"	"Vicat Softening Temperature A50 (50°C/h 10 N) [°C] ISO 306/A"	"Sealing Initiation Temperature (SIT) [°C] - Internal method"	"Flexural Modulus [MPa] ISO 178"	"Molecular Weight Distribution (MWD)"	Additivition	General purpose	Collation shrink	Flower	Food Packaging	Freezer	Hygienic	Label	Lamination	Metallizable	Siliconization	Stationary	Sterilisable / Retortable	Surface protection	Tailoring Sealing Properties (Hot-tack, SIT)	Tapes	Textile packaging	Twist wrap	Seal peel to PP	Non Phthalate	Non-Animal Derived Additives (NADA)	CirculenRenew (Mass Balance)	
Moplen HP556E	-	0.8	0.90	162	153	-	1400	-	-	•		•								•								•	•	•	
Moplen HP420M	-	8.0	0.90	160	153	-	1350	-	-			•								•	•			•				•	•	•	
Moplen HP515M	-	9.0	0.90	160	153	-	1300	CR	S - AB			•		•	•	•				•	•							•	•	•	
Moplen HP510M	-	9.0	0.90	160	153	-	1300	CR	CSNA			•		•	•	•	•			•	•							•	•	•	
Adstif HA612M	-	7.0	0.90	165	160	-	1900	Broad	CSNA			•								•	•							•	•	•	
Adstif HA622M	-	7.0	0.90	165	160	-	2200	Broad	CSNA - N			•								•	•					•	•	•	•	•	
Adstif HA622H	-	2.0	0.90	164	160	-	1750	-	CSNA			•								•	•							•	•	•	
Moplen EP310D HP	-	1.0	0.90	162	150	-	1080	-	-			•	•							•	•							•	•	•	
Moplen EP310J HP	-	3.0	0.90	165	154	-	1400	-	N			•	•							•	•							•	•	•	
Moplen EP310M HP	-	7.5	0.90	164	144	-	1050	-	N			•	•							•	•							•	•	•	
Moplen EP222D	-	1.0	0.90	162	150	-	1075	-	CSNA			•	•						•	•	•							•	•	•	
Moplen RP410M HP	-	7.0	0.90	157	137	132	850	-	-	•		•								•	•							•	•	•	
Moplen RP210G	-	1.8	0.90	144	135	130	850	-	-			•								•	•							•	•	•	
Moplen RP310M	-	8.5	0.90	150	140	133	1100	-	-			•								•	•							•	•	•	
Moplen RP315M	-	8.5	0.90	150	140	133	1100	-	S - AB			•	•							•	•							•	•	•	
Moplen RP316M	-	8.5	0.90	150	140	133	1100	-	S - AB- AS			•	•							•	•							•	•	•	
Moplen RP320M	-	8.5	0.90	143	135	125	850	CR	-			•	•							•	•							•	•	•	
Moplen RP325M	-	8.5	0.90	143	135	125	850	CR	S - AB			•	•							•	•							•	•	•	
Moplen RP220M	-	8.0	0.90	138	125	118	700	CR	-			•	•							•	•							•	•	•	
Moplen RP225M	-	8.0	0.90	138	125	118	700	CR	S - AB			•	•							•	•							•	•	•	
Clyrell RC124H	-	2.2	0.90	140	120	117	750	CR	N			•	•							•	•							•	•	•	
Clyrell RC110E	-	0.8	0.90	130	113	113	500	CR	CSNA			•	•							•	•							•	•	•	
Clyrell RC112G	-	1.7	0.90	130	118	113	550	CR	-			•	•							•	•							•	•	•	
Clyrell RC112L	-	7.0	0.90	130	113	113	450	CR	CSNA			•	•							•	•							•	•	•	
Clyrell RC215M	-	10.5	0.90	140	130	120	1000	-	S - AB			•	•							•	•							•	•	•	
Clyrell RC213M	-	10.5	0.90	140	130	120	1000	-	AB - CSNA			•	•							•	•							•	•	•	
Adsyl RC129L ST	-	5.5	0.90	130	111	115	-	CR	AB			•	•							•	•							•	•	•	
Adsyl RC3800 ST	-	6.0	0.90	130	111	105	-	CR	AB			•	•							•	•							•	•	•	
Adsyl 5 C 30 F	-	5.5	0.90	132	111	105	-	-	-			•	•							•	•							•	•	•	
Adsyl 5 C 37 F	-	5.5	0.90	132	111	105	-	-	S - AB			•	•							•	•							•	•	•	
Adsyl 5 C 39 F	-	5.5	0.90	132	111	105	-	-	AB			•	•							•	•							•	•	•	
Adsyl 5 C 90 F	-	5.5	0.90	132	111	105	-	-	-			•	•							•	•							•	•	•	
Adsyl 5 C 97 F	-	5.5	0.90	132	111	105	-	-	S - AB			•	•							•	•							•	•	•	
Adsyl 5 C 99 F	-	5.5	0.90	132	111	105	-	-	AB			•	•							•	•							•	•	•	
Adsyl 5 C 33 F	-	5.5	0.90	132	111	105	-	-	CSNA			•	•							•	•							•	•	•	
Adsyl 5 C 30 F ST	-	6.0	0.90	132	111	105	-	CR	-			•	•							•	•							•	•	•	
Adsyl 5 C 37 F ST	-	6.0	0.90	132	111	105	-	CR	S - AB			•	•							•	•							•	•	•	
Adsyl 6 C 30 F	-	5.5	0.90	126	107	95	-	CR	-			•	•							•	•							•	•	•	
Adsyl 7572 XCP	-	5.5	0.90	126	105	92	-	CR	-			•	•							•	•							•	•	•	
Adsyl 7410 XCP	-	5.5	0.90	125	96	75	-	CR	CSNA			•	•							•	•							•	•	•	
Adflex Q 100 F	-	0.6	0.88	142	60	-	100	-	-				•																•	•	•
Adflex Q 300 F	-	0.8	0.88	163	78	-	330	-	-				•																•	•	•
Adflex C 200 F	-	6.0	0.89	142	80	-	200	-	-				•																•	•	•
Adflex Q 190 F	-	0.6	0.88	142	60	-	100	-	-				•																•	•	•
Adflex C 290 F	-	6.0	0.88	142	80	-	200	-	-				•																•	•	•
Adflex X 500 F	-	7.5	0.89	163	94	-	550	-	-				•																•	•	•
Toppyl SP 2101 C NP	-	9.0	0.91	143	-	-	-	-	S - AB												•	•							•	•	•
Toppyl SP 2103 C NP	-	7.0	0.90	137	-	-	-	-	-												•	•							•	•	•
Toppyl SP 2104 C NP	-	7.5	0.90	132	-	-	-	-	S - AB																				•	•	•
Koattro KT MR 05	1.3	3.5	0.87	-	-	-	10	-	-																				•	•	•
Toppyl PB 8220M	2.5	7.5	0.90	97	88	-	140	-	-																				•	•	•
Toppyl PB 8310M	3.5	10.5	0.90	94	80	-	120	-	-																				•	•	•

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