



IMPACT COPOLYMERS
AND TRANSITION GRADES

MOSTEN[®]

**PP
M O S T E N[®]**

Product portfolio

HOMOPOLYMERS
AND RANDOM COPOLYMERS

MOSTEN® HOMOPOLYMERS AND RANDOM COPOLYMERS

pp MOSTEN®	MFR 230 °C/ 2,16 kg g/10 min	Yield Stress MPa	Elongation at Break %	Flexural Modulus MPa	NIS Charpy		HDT 1,8 MPa °C	VST 10 N °C	Stabilization	Processing Technology	Main Application
					23 °C	-20 °C					
					kJ/m²						
ISO 1133-1	ISO 527-1,2		ISO 178	ISO 179-1		ISO 75-1,2	ISO 306				
HOMOPOLYMERS											
GH 001	1	34	> 200	1600	8		56	156	Basic	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Tapes, Compounds
TB 002	2	35	150	1700	6,5		57	155	Anti Gas-fading	Extrusion, Thermoforming, Injection moulding	High-strength monoaxially oriented tapes, Strings
TB 003	3,2	34	200	1550	5		55	154	Anti Gas-fading	Extrusion, Thermoforming, Injection moulding	High-strength monoaxially oriented tapes, Strings
GB 005	5	35	200	1600	4		55	155	Anti Gas-fading	Extrusion, Thermoforming, Injection moulding	Food packages
FT 005	5	37	90	1850	3,5		59	156	Antistatic, Transparent, Optical brightener	Thermoforming	Highly transparent packages, Food industry
GB 107	7	35	100	1700	4		57	154	Basic	Injection moulding	Injection moulded products, Compounds
FC 108	8	34	100	1500	3,5		54	155	Slip agent	Film extrusion	Flat film by chill-roll process, Office and textile products
FC 110	10	34	200	1450	3,5		53	155	Antiblock + Slip agent	Film extrusion	Flat film by chill-roll process, Office and textile products
GB 218	18	34	250	1550	3		55	153	Anti Gas-fading	Injection moulding, Fibre extrusion	Multifilaments and Fibres, Compounds
MA 230	30	35	150	1550	2		56	154	Antistatic	Injection moulding	Thin wall products
MT 230	30	38	30	1850	2		60	155	Antistatic, Transparent	Injection moulding	Transparent, Thin wall, high-gloss products
MA 350	50	35	100	1550	2		57	154	Antistatic	Injection moulding	Thin wall products
NB 108	8	35	150	1700	3		56	154	Anti Gas-fading	Fibre extrusion, Injection moulding	Multifilaments, Staple fibres, Injection moulded household products and technical parts
NB 112	12	35	150	1650	3		56	154	Anti Gas-fading plus	Fibre extrusion, Injection moulding	Multifilaments, Staple fibres, Injection moulded household products and technical parts
NB 218	18	33	> 300	1400	3		53	152	Anti Gas-fading	Fibre extrusion, Injection moulding	Staple fibres, Non-wovens, Multifilament yams
NB 220	20	34	> 200	1450	3		54	152	Anti Gas-fading plus	Fibre extrusion, Injection moulding	Staple fibres, Non-wovens, Multifilament yams
NB 425	25	32	> 300	1350	3		53	152	Anti Gas-fading	Spunbond, Injection moulding	Non-wovens (spunbond), Hygiene sector, Staple fibres
RANDOM COPOLYMERS											
MB 812	12	25	> 400	850	6	1,5	47	125	Basic	Injection moulding	Household products, Food packages
MT 935	35	26	300	1000	5,5	1,5	49	129	Antistatic, Transparent	Injection moulding	Thin wall household products, Food packages
MT 950	50	26	300	1000	5,5	1,5	49	130	Antistatic, Transparent, Optical brightener	Injection moulding	Thin wall household products, Food packages

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					23 °C	-20 °C					
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ISO 1133-1	ISO 527-1,2		ISO 178	ISO 179-1		ISO 75-1,2	ISO 306				
IMPACT COPOLYMERS											
EB 501	0,5	26	> 350	1250	90	8	53	150	Long-term Heat Additive package	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Bottles, Compounds
EH 501	0,5	27	> 350	1350	90	8,5	54	153	Long-term Heat Additive package, Nucleation	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Bottles, Compounds
GB 504	4	25	200	1200	50	6	52	150	Nucleation, Demoulding	Injection moulding, Thermoforming	Large containers, Film co-extrusion, Automotive compounds
GB 506	6	28	100	1500	12	4,5	57	154	Nucleation	Injection moulding, Thermoforming	Technical parts, Film co-extrusion, Automotive compounds
MA 524	24	26	30	1400	9	4,5	55	153	Antistatic, Nucleation	Injection moulding	Food packages, Transportation boxes, Automotive compounds
MA 612	14	21	250	1000	45	8	51	147	Antistatic, Nucleation	Injection moulding	Technical parts, Tools, Transportation boxes, Automotive compounds
MA 712	12	28	70	1500	11	4	56	155	Antistatic, Nucleation	Injection moulding	Technical parts, Transportation boxes, Containers, Automotive compounds
MB 720	18	21	100	1050	45	7	52	145	Nucleation	Injection moulding	Food packages, Technical parts
MA 745	45	26	20	1400	9	4	55	151	Nucleation, Antistatic	Injection moulding	Food packages, Pails, Tools
TRANSITION GRADES											
GH 201	0,3	36	100	1600	30				Long-term Heat Additive package, Nucleation	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Tapes, Bottles
XB 800	0,5	30	200	1200	12				Long-term Heat Additive package	Extrusion	Sheets, Profiles, Non-pressure pipes
XH 601	0,7	29	200	1450	70	6			Long-term Heat Additive package, Nucleation	Extrusion, Blow moulding	Sheets, Profiles, Non-pressure pipes, Bottles, Compounds
XB 801	1	28	100	1150	30				Antistatic, Transparent	Extrusion	Sheets, Profiles, Non-pressure pipes
GB 002	2	34	150	1700	6,5		57		Anti Gas-fading	Extrusion, Blow moulding	High-strength monoaxially oriented tapes, Strings, Bottles
GB 503	2,5	25	300	1300	50	7	54		Nucleation	Extrusion, Injection moulding	Technical parts, Film co-extrusion, Compounds
XB 105	5	32	350	1300			54		Anti Gas-fading	Extrusion, Injection moulding	Technical parts, Film co-extrusion
XB 205	4	33	250	1500	7				Anti Gas-fading	Injection moulding	Technical parts, Film co-extrusion, Compounds
XB 515	14	28	200	1250	9	3			Anti Gas-fading	Injection moulding	Technical parts, Compounds
MT 825	30	25	300	1000	5,5	1	50		Antistatic, Transparent	Injection moulding	Food packages, Household articles