

KOREMPLAST

POLYETHYLENE COMPOUND PRODUCTION

POCKET BROCHURE

EDITION 2018

Koreplast Srl

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MADE IN ITALY



PRODUCTS (for manufacturing not in pressure)

DATA SHEET GUARANTEE	HDPE					KRM LDPE
	KRM 100	KRM 95	KRM 90	KRM 80	KRM 60	
	TOP QUALITY	EXCELLENT QUALITY	SUPERIOR QUALITY	STANDARD QUALITY		
MELT FLOW RATE ISO 1133 (g/10 min. 5 Kg)	0,2 - 0,4	0,3 - 0,6	0,35 - 0,7	0,35 - 0,7	-	-
MELT FLOW RATE ISO 1133 (g/10 min. 2,16 Kg)	-	-	-	-	0,2 - 0,45	0,25 - 0,45
DENSITY ISO 1183 (g/cm ³)	0,955 - 0,965	0,955 - 0,965	0,955 - 0,965	0,955 - 0,965	0,955 - 0,972	0,930 - 0,945
CARBON BLACK ISO 6964 (%)	2,0 - 2,5	2,0 - 2,5	2,0 - 2,5	2,0 - 2,5	2,0 - 3,0	2,0 - 2,5
O.I.T. EN 728	(200°C)	min. >20	min. >20	min. >20	-	-
	(210°C)	min. >20	min. >20	min. >20	-	-

Note: Koreplast can supply materials with features on demand

INFORMATIVE VALUE (EN ISO 527)	HDPE					KRM LDPE
	KRM 100	KRM 95	KRM 90	KRM 80	KRM 60	
TENSILE STRAIN AT BREAK (%)	700 - 950	650 - 950	650 - 950	600 - 950	600 - 900	350 - 550
TENSILE STRENGTH AT YELD (Mpa)	22 - 28	21 - 26	20 - 25	20 - 25	21 - 26	10 - 14
TENSILE STRENGTH AT BREAK (Mpa)	24 - 30	23 - 28	22 - 28	22 - 28	22 - 28	18 - 25
TENSILE MODULUS (Mpa)	800 - 1200	800 - 1150	800 - 1100	800 - 1100	900 - 1300	140 - 220

Note: for a correct use of the materials we suggest drying before use

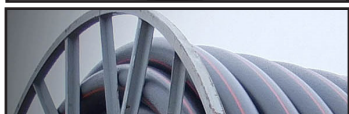
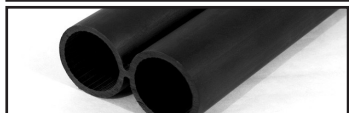
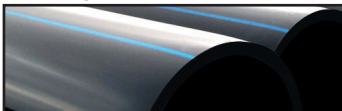
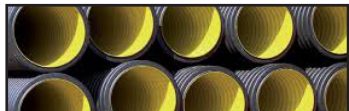
AVAILABLE COLORS



PACKAGING



APPLICATIONS (extrusion & blow moulding)



Note: on request, Koreplast is able to supply injection and film materials