

LINEAR LOW-DENSITY POLYETHYLENE

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COSMOLEX®

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PHYSICAL PROPERTIES	TEST METHOD	UNIT	FS150A	FS153S	FS250A	FS253S	FS253R
MELT FLOW RATE	ASTM D1238	g/10 min	1	1	2	2	2
DENSITY	ASTM D792	g/cm ³	0.923	0.923	0.923	0.924	0.924
TENSILE STRENGTH AT BREAK	ASTM D638	MPa	29.4	29.4	24.5	24.5	24.5
ELONGATION	ASTM D638	%	850	850	800	800	800
STIFFNESS	ASTM D747	MPa	270	270	270	270	270
MELTING POINT	TPC METHOD	°C	123	123	122	122	122
APPLICATIONS			Heavy Duty Bag, Lamination Film, Stretch Film	General Purpose Film	Lamination Film, Stretch Film	General Purpose Film	General Purpose Film
CHARACTERISTICS			Excellent Transparency, Excellent Strength, Non-Slip	Excellent Transparency, Excellent Strength, High-Slip	Excellent Transparency, Strength, Processibility, Non-Slip	Excellent Transparency, Strength, Processibility, High-Slip	Excellent Transparency, Strength, Processibility, High-Slip, Good Printability
TYPICAL PROCESSING TEMPERATURE			Die 180 - 200 (°C)	Die 180 - 200 (°C)	Die 160 - 180 (°C)	Die 160 - 180 (°C)	Die 160 - 180 (°C)

Above data are typical values by laboratory test, it does not serve for guarantee purpose.