POLYMY
MEETING EXCELLENCE

TECHNICAL DATASHEET

LDPE 2102TX00 COMPOUND

Analysis:

Typical Properties	Method	Value	Unit
MFR	ISO 1133	1.9	dg/10min
Density	ISO 1183 (A)	921	kg/m³
Haze	ASTM D1003A	11	%
Clarity	DSM METHOD	29	mV
Gloss	ASTM D2457	50±5	%
Anti oxidant	DSM METHOD	600±60	ppm
Impact Strength	ASTM D4272	26	kJ/m
Tear Strength TD	ISO 6383-2	25	kN/m
Tear Strength MD	ISO 6383-2	60	kN/m
Yield Stress TD	ISO R527-1	11	MPa
Yield Stress MD	ISO R527-1	13	MPa
Tensile Strength TD	ISO R527-1	20	MPa
Tensile Strength MD	ISO R527-1	-	MPa
Elongation at break TD	ISO R527-1	>500	%
Elongation at break MD	ISO R527-1	>150	%
Modulus of elasticity TD	ISO R527-1	200	MPa
Modulus of elasticity MD	ISO R527-1	190	MPa
Coefficient of friction	ASTM D1894	>1.0	