POLYMY
MEETING EXCELLENCE

TECHNICAL DATASHEET

HDPE F7000 COMPOUND

Analysis:

Typical Properties	Method	Value	Unit
Melt flow rate	ISO 1133	0.04	g/10 min
Density	ISO 1183	952	kg/m3
Tensile Strength at yield	ISO 527-1, -2	27	MPa
Tensile Strength at break	ISO 527-1, -2	>24	MPa
Elongation at Break	ISO 527-1, -2	>500	%
Charpy Impact strength	ISO 179-1	NB	kJ/m2
Shore hardness	ISO 868	64	D scale
Stress cracking resistance	ASTM 1693	>600	Hr.
Melting temperature	ISO 11357	131	°C
Vicat softening temperature	ISO 306	124	°C