Always there is a SOLUTION!





Technical Datasheet

o Grade Name: 3840

o Categories: Polymer, Thermoplastic, Polyethylene, High Density Polyethylene

Processing Methods: Rotation

 Applications: Sceptic tanks, Potable water tanks, Large agricultural tanks, Toys, Wide variety consumer articles, Canoes and Boats

o Features: Excellent processability, Good impact strength and ESCR

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/21.6 Kg)	4	g/10min	ISO 1133
Density	0.938	g/cm³	ISO 1183
Mechanical Properties		7	
Properties	Value	Unit	Test Method
Tensile Strength at Yield	18	МРа	ASTM D 638
Elongation at Break	900	%	ASTM D 638
Charpy Impact Strength	18	Kj/m²	ASTM D 256
Flexural Modulus	900	МРа	ASTM D790
Hardness Shore D	62	-	ASTM D2240
ESCR, F50, 100% Igepal,	400	hr	ASTM D1894
Thermal Properties			
Melting Point	127	°C	ASTM D2117
Vicat Softening Temperature	117	°C	ASTM D1525

Typical Properties: These values are not to be considered as product specifications.

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