

Total Finathene® RS 528 HDPE blow molding (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Applications: Bleach and detergents, industrial chemicals, industrial parts, cosmetic bottles, food packaging. Information provided provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finathene-RS-528-HDPE-blow-molding-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D 792
Environmental Stress Crack Resistance	40 hour	40 hour	ASTM D1693 cond. B 10% Igepal
	70 hour	70 hour	ASTM D1693 cond. B 100% Igepal
Melt Flow	0.25 g/10 min	0.25 g/10 min	ASTM D 1238
	@Load 2.16 kg	@Load 4.76 lb	
High Load Melt Index	29 g/10 min	29 g/10 min	ASTM D 1238
	@Load 21.6 kg	@Load 47.6 lb	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 27.6 MPa	>= 4000 psi	ASTM D 638 type IV
Elongation at Break	600 %	600 %	ASTM D 638, type IV
Flexural Modulus	1.38 GPa	200 ksi	ASTM D 790

Thermal Properties	Metric	English	Comments
Melting Point	129 °C	264 °F	ASTM D3417

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