

Total Finathene® 5302 HDPE drain tile, corrugated pipe resin (discontinued **)

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

Material Notes:

Applications: corrugated pipe, storm and sanitary sewers, drainage systems
 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-5302-HDPE-drain-tile-corrugated-pipe-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in ³	ASTM D 792
Environmental Stress Crack Resistance	40 hour	40 hour	ASTM D1693 cond. B 100% Igepal
Melt Flow	0.35 g/10 min @Load 2.16 kg	0.35 g/10 min @Load 4.76 lb	ASTM D 1238
High Load Melt Index	25 g/10 min @Load 21.6 kg	25 g/10 min @Load 47.6 lb	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 26.9 MPa	>= 3900 psi	ASTM D 638 type IV
Elongation at Break	>= 600 %	>= 600 %	ASTM D 638 type IV
Flexural Modulus	1.31 GPa	190 ksi	ASTM D 790
Izod Impact, Notched	2.40 J/cm @Thickness 3.17 mm	4.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	128 °C	263 °F	ASTM D3417

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