

## Chevron Phillips HiD® 9354 HDPE Natural Pipe Resin (discontinued \*\*)

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

### Material Notes:

Resin Type: gas phase linear hexane copolymer  
Applications: corrugated pipe applications  
Information provided by Chevron Phillips Chemical Company.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-HiD-9354-HDPE-Natural-Pipe-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9354-HDPE-Natural-Pipe-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D4883
Environmental Stress Crack Resistance	>= 24 hour	>= 24 hour	Condition B; ASTM D 1693
Melt Flow	0.30 g/10 min @Load 2.16 kg, Temperature 190 °C	0.30 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Ultimate	28.3 MPa	4100 psi	ASTM D638
Tensile Strength, Yield	16.5 MPa	2390 psi	ASTM D638
Elongation at Break	>= 600 %	>= 600 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	2% Secant; ASTM D 790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	127 °C	261 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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