

## PolyOne Edgetek® PE-30MC-20TC/000 High Density Polyethylene (HDPE), Talc Filled (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

**Material Notes:**

Description/Features:Mica FilledTalc FilledInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-PE-30MC-20TC000-High-Density-Polyethylene-HDPE-Talc-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-PE-30MC-20TC000-High-Density-Polyethylene-HDPE-Talc-Filled-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.427 g/cc	1.427 g/cc	ASTM D792
Water Absorption	0.010 % @Thickness 3.17 mm	0.010 % @Thickness 0.125 in	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0060 - 0.0070 cm/cm	0.0060 - 0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	26.2 MPa	3800 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	4.0 %	4.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	1.59 GPa	230 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	26.9 MPa	3900 psi	ASTM D790
Flexural Modulus	1.59 GPa	230 ksi	ASTM D790
Izod Impact, Notched	0.854 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.60 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

### Contact Songhan Plastic Technology Co.,Ltd.

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