

## Amco PRIMATOP HDPE 004955HP Blow Molding Polyethylene

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

### Material Notes:

HDPE 003955PZ features zinc stearate additive and is used for injection blow molding. Former A-Top Polymers product; part of Amco product line since 2013.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Amco-PRIMATOP-HDPE-004955HP-Blow-Molding-Polyethylene.php](http://www.lookpolymers.com/polymer_Amco-PRIMATOP-HDPE-004955HP-Blow-Molding-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	ASTM D1505
ESCR 100% Igepal®	60 hour	60 hour	Condition B, F50; ASTM D1693
Melt Index of Compound	0.35 g/10 min @Load 2.16 kg, Temperature 190 °C	0.35 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.3 MPa	4100 psi	2" per min, Type IV; ASTM D638
Elongation at Break	>= 500 %	>= 500 %	2" per min, Type IV; ASTM D638
Flexural Modulus	1.28 GPa	185 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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