

Amco PRIMATOP PP CO 005NB Fractional Melt Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Features:heat aging resistanceimpact resistancelow temperature melt strengthgood stiffnessApplications:containerspipestoysextrusion coatingFormer 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-PP-CO-005NB-Fractional-Melt-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	method B; ASTM D792
Melt Index of Compound	0.45 g/10 min	0.45 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	27.6 MPa	4000 psi	50 mm/min; ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	.05 in/min, 1% Secant; ASTM D790
Izod Impact, Notched	NB @Temperature 22.8 °C	NB @Temperature 73.0 °F	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 °C	190 °F	ASTM D648

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