

Cheng Yu Plastic PE221 Flame Retardant LDPE

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PE221-Flame-Retardant-LDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.800 g/cc	0.800 g/cc	ASTM D792
Linear Mold Shrinkage	0.015 - 0.020 cm/cm	0.015 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	93	93	ASTM D785
Tensile Strength, Yield	34.3 MPa	4980 psi	ASTM D638
Flexural Yield Strength	39.2 MPa	5690 psi	ASTM D790
Izod Impact, Notched	0.284 J/cm	0.533 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
Flammability, UL94	V-2	V-2	

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