

SABIC Innovative Plastics LNP THERMOCOMP YH0235AC PE

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

LNP* Thermocomp* YH0235AC is a compound based on Polyester Elastomer containing a metal filler.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-YH0235AC-PE.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.35 g/cc	2.35 g/cc	ASTM D792
Density	2.35 g/cc	0.0849 lb/in ³	ASTM D792
Moisture Absorption	0.270 %	0.270 %	23 ^o C / 50% RH; ISO 62
	0.290 %	0.290 %	50% RH, 24 hrs; ASTM D570
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	35	35	ASTM D2240
Dart Drop, Total Energy	11.0 J	8.11 ft-lb	ASTM D3763
	@Temperature 23.0 ^o C	@Temperature 73.4 ^o F	
Impact Test	13.0 J	9.59 ft-lb	Multiaxial Impact; ISO 6603

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