

Ecomass® 4703BI74 Filled Polyurethane, Injection Molding

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Moderate Specific Gravity, Filled Polyurethane (TPU), Good Flexibility, Product Form - Pellets Processing Method: Injection Molding
Nontoxic alternative to Lead, radiation shielding applications Information provided by Technical Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ecomass-4703BI74-Filled-Polyurethane-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 - 0.0080 cm/cm	0.0060 - 0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	19.3 MPa	2800 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Tensile Modulus	0.552 GPa	80.0 ksi	ASTM D638
Flexural Strength	44.1 MPa	6400 psi	ASTM D790
Flexural Modulus	0.172 GPa	25.0 ksi	ASTM D790
Izod Impact, Notched	2.40 J/cm	4.50 ft-lb/in	ASTM D256

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 221 °C	400 - 430 °F	
Mold Temperature	10.0 - 26.7 °C	50.0 - 80.0 °F	
Drying Temperature	82.2 °C	180 °F	do not over dry
Dry Time	2 hour	2 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China