

Lubrizol Advanced Materials Pearlcoat® Activa D198K Thermoplastic Polyurethane Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane TPE , Polyurethane, TP

Material Notes:

PEARLCOAT® Activa D198K is an aliphatic based thermoplastic polyurethane of low hardness, supplied in form of natural pellets. This product gives an inherent "low gloss aspect" on the final product surface after extrusion processing. Featuring low gel content as well as low temperature flexibility, it is ideally suited for extrusion or co-extrusion onto polar substrates. All information provided by Merquinsa

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Advanced-Materials-Pearlcoat-Activa-D198K-Thermoplastic-Polyurethane-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	10 g/10 min @Load 21.6 kg	10 g/10 min @Load 47.6 lb	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Yield	25.05 MPa	3633 psi	ASTM D412
Elongation at Break	455 %	455 %	ASTM D412
100% Modulus	0.00581 GPa	0.843 ksi	ASTM D412
300% Modulus	0.01302 GPa	1.889 ksi	ASTM D412
Tear Strength	55.0 kN/m	314 pli	ASTM D624 (die C)
Abrasion	30	30	[mm ³]; DIN 53.516

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-33.3 Å°C	-28.0 Å°F	DIN 51.007

Processing Properties	Metric	English	Comments
Zone 1	185 - 205 Å°C	365 - 401 Å°F	
Zone 2	190 - 210 Å°C	374 - 410 Å°F	
Zone 3	195 - 215 Å°C	383 - 419 Å°F	
Zone 4	190 - 210 Å°C	374 - 410 Å°F	
Die Temperature	185 - 205 Å°C	365 - 401 Å°F	

Processing Properties

Metric

English

Comments

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