

ELASTO UK Dryflex® 420451S SBS Based Material, 45D Hardness, Natural

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

The 400S-series is a good alternative for indoor applications and disposable articles that do not have high requirements for ageing and heat resistance. The raw materials are specially selected for a fast and stable manufacturing process. Information from Vita Thermoplastic Polymers (VTP). Vita Thermoplastic Polymers was acquired by HEXPOL and is now ELASTO

Order this product through the following link:

http://www.lookpolymers.com/polymer_ELASTO-UK-Dryflex-420451S-SBS-Based-Material-45D-Hardness-Natural.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.0080 - 0.020 cm/cm	0.0080 - 0.020 in/in	
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 190 °C	4.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	45 @Thickness 4.00 mm	45 @Thickness 0.157 in	ASTM D2240
Tensile Strength at Break	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	>= 400 %	>= 400 %	ASTM D638
100% Modulus	0.0110 GPa	1.60 ksi	ASTM D638
300% Modulus	0.0110 GPa	1.60 ksi	ASTM D638
Tear Strength	89.0 kN/m	508 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 °C	167 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 210 °C	338 - 410 °F	

Descriptive Properties	Value	Comments
Bonding to PP	Excellent	

Descriptive Properties	Value	Comments
Chemical Resistance	Good	Excluding organic solvents, aromatic and vegetable oils
Color	Natural	
Weather Resistance	Moderate	Air ageing

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