

Buckeye Polymers BP ABS 5425 ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Molded

Material Notes:

General Purpose ABS is a copolymer of acrylonitrile and styrene, modified with butadiene rubber. ABS is primarily used for their combination of toughness, rigidity, chemical resistance, ease of processing and outstanding surface appearance.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-ABS-5425-ABS.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	44.1 MPa	6400 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Modulus	1.70 GPa	247 ksi	ASTM D790
Izod Impact, Notched	2.10 J/cm	3.93 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	99.0 °C	210 °F	ASTM D648

Processing Properties	Metric	English	Comments
Drying Temperature	80.0 °C	176 °F	in air circulating oven recommended
Dry Time	3 - 4 hour	3 - 4 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