

LG Chemical NBR 7030S High Acrylonitrile Polymer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Description: NBR 7030S has combined the merit of NBR (Acrylonitrile rubber) with the merit of PVC resin. NBR 7030S shows good flexibility and elasticity without vulcanization, and also shows good oil resistance, chemical resistance, slip resistance. NBR 7030S can be processed and recycled like thermoplastic materials, so extrusion and injection is available and, has good flow properties so that it's possible to process at low temperature. By comparison with plasticized PVC, NBR 7030S shows good touch feeling, elasticity, anti-slip, low temperature resistance and has longer life-time by reducing the loss of plasticizer. Applications: NBR 7030S is applicable to safety shoes, fashion shoes, medical application, and hose. CAS No: 9003-18-3 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-NBR-7030S-High-Acrylonitrile-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52	52	
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	10.0 MPa	1450 psi	
Elongation at Break	500 %	500 %	
100% Modulus	0.00608 GPa	0.882 ksi	
Tear Strength	34.3 kN/m	196 pli	
Abrasion	0.080	0.080	[cc] Akron, 3000 cycle
	@Load 2.722 kg	@Load 6.002 lb	

Thermal Properties	Metric	English	Comments
Melting Point	150 Â°C	302 Â°F	

Descriptive Properties	Value	Comments
Color	Clear	

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