

Lord Adhesives HPC-5B Hydrogenated Nitrile Butadiene Rubber Coating

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

Material Notes:

LORD HPC-5B and HPC-5C are one-part, room temperature curing HNBR coatings which feature robust adhesion and exceptional mechanical properties. These coatings greatly enhance fluid and ozone resistance for a wide variety of elastomeric substrates. HPC-5B is black; HPC-5C is clear and colorable. Coatings are composed of a mixture of polymers, organic compounds and fillers dissolved or dispersed in an organic solvent system. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-HPC-5B-Hydrogenated-Nitrile-Butadiene-Rubber-Coating.php

Physical Properties	Metric	English	Comments
Density	0.810 - 0.834 g/cc	0.0293 - 0.0301 lb/in ³	
Solids Content	7.5 - 8.7 %	7.5 - 8.7 %	by volume
	11.7 %	11.7 %	by weight
Brookfield Viscosity	20 - 100 cP @Temperature 25.0 °C	20 - 100 cP @Temperature 77.0 °F	LVT, Spindle #1 @ 60rpm

Thermal Properties	Metric	English	Comments
Flash Point	15.6 °C	60.1 °F	Seta

Processing Properties	Metric	English	Comments
Cure Time	10.0 min @Temperature 121 °C	0.167 hour @Temperature 250 °F	Let sit for 24 hours to develop a final cure
	>= 1440 min @Temperature 25.0 °C	>= 24.0 hour @Temperature 77.0 °F	
Shelf Life	12.0 Month @Temperature 21.0 - 27.0 °C	12.0 Month @Temperature 69.8 - 80.6 °F	

Descriptive Properties	Value	Comments
Appearance	Black	
Consistency	Liquid	
Solvents	MIBK, MEK	

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