

Lord Adhesives HPC-5C 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-5C-Hydrogenated-Nitrile-Butadiene-Rubber-Coating.php

Physical Properties	Metric	English	Comments
Density	0.805 - 0.829 g/cc	0.0291 - 0.0299 lb/in ³	
Solids Content	7.7 - 8.8 %	7.7 - 8.8 %	by volume
	10.6 %	10.6 %	by weight
Brookfield Viscosity	20 - 100 cP	20 - 100 cP	LVT, Spindle #1 @ 60rpm
	@Temperature 25.0 Å°C	@Temperature 77.0 Å°F	

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

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

Descriptive Properties	Value	Comments
Appearance	Clear with Orange Hue	
Consistency	Liquid	
Solvents	MIBK, MEK	

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