

TDS (Technical Data Sheet)

P/N: POLYASPARTIC RESIN

Customer: N/A
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Customer Desc: N/A

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Version History

Rev.	Status	Revision Description	Author/Approved	Date
A	Approved	Initial Release	Sha LIU	2024-01-18

Product Name: Polyaspartic Resin

Model No: HS330

Product Introduction

HS330 is a solvent-free elastic polyaspartic resin with secondary amine functional groups, which can crosslink and react with -NCO groups of polyisocyanate curing agents.

Product Features

- 1: Ultra-low viscosity down to 200 mPa·s, enabling formulation of eco-friendly high-solids & low-viscosity coatings;
- 2: Moderate reactivity to extend pot life for hand-applied polyurea construction;
- 3: Cured films deliver outstanding resilience, gloss and smooth surface feel;
- 4: Reacts with the company's elastic curing agents to produce elastic materials with superior mechanical properties, featuring elongation up to 400%.

Product Specifications

Test Item	Technical Standard
Appearance	Slightly yellow transparent liquid
Viscosity at 25°C (mPa·s)	200–500
Solid Content (%)	98±2
Gardner Color	≤1
Specific Gravity (g/cm ³)	1.06±0.02
NH Equivalent (g/mol)	334
Equivalent OH Content (%)	5.09

Recommended Applications

- 1: Solvent-free floor coatings with excellent elasticity;
- 2: High-elongation & high-elasticity waterproof coatings;
- 3: Solvent-free potting compounds, adhesives and other related products.

Packaging

200 kg per metal drum.

Storage & Shelf Life

Store in original sealed drums away from light at ambient temperature, with a minimum shelf life of 12 months. Keep in cool and dry storage areas. Once the drum is opened, avoid prolonged exposure to air to prevent deterioration of product quality.

Disclaimer

All information contained herein is verified accurate under specific test conditions. Users shall conduct independent testing to confirm suitability for their unique application requirements. Please contact our company for inquiries or full technical documents.