

TDS (Technical Data Sheet)

P/N: POLYASPARTIC RESIN

Customer: N/A
Customer P/N: N/A
Customer Desc: N/A

Drafted By: Kit ZENG
Approved By: Sha LIU

Version History

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

Product Name: Polyaspartic Resin

Model No: HS520

Product Features

This resin contains secondary amino functional groups and can react with -NCO groups. It is applied to high-solids two-component polyurea & polyurethane topcoat formulations and solvent-free coatings.

Supply Form

Solvent-free low-viscosity liquid

Product Specifications

Test Item	Technical Index
Appearance	Pale slightly yellow transparent liquid
Viscosity at 25°C (mPa·s)	800–1800
Amine Value	189–193
Platinum-Cobalt Color Number	≤200
Specific Gravity (g/cm ³)	Approx. 1.06
NH Equivalent (g/mol)	Approx. 290
Flash Point (°C)	Approx. 74
Water Content (%)	≤0.15
Equivalent OH Content (%)	5.86

Recommended Applications

Anti-corrosion coatings, floor coatings, wind turbine blade coatings, adhesives.

Packaging Specification

200 kg drums.

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 locations. Once the original package is opened, avoid prolonged exposure to air to prevent product performance degradation.

Remarks

All information stated herein is verified accurate under specific test conditions. Users shall conduct independent laboratory tests to verify suitability for their unique end-use applications. For inquiries or further technical documentation, please contact our company.