

Ultramid® HPN 9350 HS (Cond)

Polyamide 6

BASF Corporation

Product Description

Ultramid HPN 9350 HS is a flexible, heat stabilized, impact modified PA6 extrusion grade resin. It possesses a balance of performance properties such as good flexibility, toughness and abrasion resistance. The addition of heat stabilizer system extends its retention of properties at elevated temperatures. Chemical resistance is excellent to greases, oils, and hydrocarbons.

General

Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Heat Stabilizer	• Impact Modifier	
Features	• Good Abrasion Resistance • Good Chemical Resistance • Good Dimensional Stability • Good Flexibility	• Good Flow • Good Processability • Good Thermal Aging Resistance • Good Toughness	• Heat Stabilized • Impact Modified • Low Viscosity • Semi Crystalline
Uses	• Automotive Under the Hood	• Cable Jacketing	• Tubing
Agency Ratings	• ULC Unspecified Rating		
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Extrusion	• Profile Extrusion	• Sheet Extrusion

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus			ASTM D790
23°C	520	MPa	
65°C	315	MPa	
90°C	240	MPa	
121°C	210	MPa	
Flexural Strength			ASTM D790
-40°C	120	MPa	
23°C	25.0	MPa	
65°C	15.0	MPa	
90°C	10.0	MPa	
121°C	10.0	MPa	

Notes

¹ Typical properties: these are not to be construed as specifications.

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