

# Ultramid® 8350 HS BK-102 (Cond)

Polyamide 6

BASF Corporation

## Product Description

Ultramid 8350 HS BK-102 is a type 6, black pigmented, impact modified graft copolymer developed for extrusion, tubing, and jacketing applications requiring a high level of toughness combined with a moderate level of flexibility.

## General

Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Heat Stabilizer	• Impact Modifier	
Features	• Copolymer • Good Abrasion Resistance • Good Chemical Resistance • Good Dimensional Stability • Good Flexibility	• Good Flow • Good Processability • Good Stiffness • Good Thermal Aging Resistance • Good Toughness	• Heat Stabilized • High Impact Resistance • Impact Modified • Low Viscosity • Semi Crystalline
Uses	• Automotive Applications	• Cable Jacketing	• Hose
Agency Ratings	• ULC Unspecified Rating		
RoHS Compliance	• RoHS Compliant		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	• Profile Extrusion

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	675	MPa	ISO 527-2 <sup>2</sup>
Tensile Strength			
Yield, 23°C	32.0	MPa	ASTM D638
Yield	32.0	MPa	ISO 527-2 <sup>2</sup>
Tensile Elongation			
Yield, 23°C	9.0	%	ASTM D638
Yield	9.0	%	ISO 527-2 <sup>2</sup>
Break, 23°C	> 100	%	ASTM D638
Nominal strain at break	> 50	%	ISO 527-2 <sup>2</sup>

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

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