

Ultramid® B 3M6 (Cond)

Polyamide 6

BASF Corporation

Product Description

Ultramid B3M6 is a 30% mineral reinforced injection molding PA6 grade for industrial items requiring high impact strength and very high dimensional stability, excellent laser markability.

General

Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Mineral Filler, 30% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Abrasion Resistance • Good Chemical Resistance • Good Dimensional Stability • Good Flow • Good Processability	• Good Stiffness • Good Thermal Aging Resistance • Heat Stabilized • High Impact Resistance • Low Viscosity	• Low Warpage • Oil Resistant • Semi Crystalline
Uses	• Automotive Applications • Industrial Applications	• Protective Coverings • Wheels	
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	1700	MPa	ISO 527-2 ²
Tensile Stress (Break)	45.0	MPa	ISO 527-2 ²
Tensile Strain (Break)	20	%	ISO 527-2 ²
Flexural Modulus (23°C)	1400	MPa	ISO 178

Notes

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

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

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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