

Ultramid® 1703-2 BK ND3007 (Cond)

Polyamide 66

BASF Corporation

Product Description

Ultramid 1703-2 BK ND3007 is a 25% glass reinforced, heat stabilized, pigmented black injection molding PA6/6 for hydrolysis resistant applications.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fabric Reinforcement, 25% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Hydrolysis Resistant
RoHS Compliance	• RoHS Compliant
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	6300	MPa	ISO 527-2 ²
Tensile Stress (Break)	124	MPa	ISO 527-2 ²
Tensile Strain (Break)	5.0	%	ISO 527-2 ²
Flexural Modulus (23°C)	5100	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength (23°C)	11.0	kJ/m ²	ISO 179/1eA ²
Charpy Unnotched Impact Strength			ISO 179
-30°C	56	kJ/m ²	
23°C	80	kJ/m ²	
Notched Izod Impact Strength (23°C)	11.0	kJ/m ²	ISO 180

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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