

Ultramid® 8234G HS (Cond)

Polyamide 6

BASF Corporation

Product Description

Ultramid 8234G HS is a heat stabilized, 44% glass fiber reinforced PA6 injection molding compound offering the highest level of strength, stiffness, high temperature performance and dimensional stability. It is available in natural and black versions. Pigmented and weatherable versions may be offered on a case by case basis.

General

Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Glass Fiber Reinforcement, 44% Filler by Weight		
Additive	• Heat Stabilizer		
Features	<ul style="list-style-type: none">• Good Abrasion Resistance• Good Chemical Resistance• Good Creep Resistance• Good Dimensional Stability• Good Flow• Good Processability• Good Stiffness• Good Thermal Aging Resistance• Good Thermal Stability• Heat Stabilized• High Rigidity• High Strength• Low Viscosity• Semi Crystalline• Warp Resistant		
Uses	<ul style="list-style-type: none">• Automotive Applications• Automotive Exterior Parts• Automotive Interior Parts• Connectors• Gears• Housings• Industrial Applications• Lawn and Garden Equipment• Luggage• Molded Ear Tags• Power/Other Tools		
Agency Ratings	• ASTM D 4066	• NSF 14	• ULC Unspecified Rating
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available	• Natural Color	
Forms	• Pellets		
Processing Method	• Injection Molding		

Mechanical

	Nominal Value	Unit	Test Method
Tensile modulus	7490	MPa	ISO 527-2 ²
Tensile Strength			
Break, 23°C	145	MPa	ASTM D638
Break	145	MPa	ISO 527-2 ²
Tensile Elongation			
Break, 23°C	6.0	%	ASTM D638
Break	6.0	%	ISO 527-2 ²
Flexural Modulus			ASTM D790
-40°C	14700	MPa	
23°C	6560	MPa	
Flexural Strength			ASTM D790
-40°C	410	MPa	
23°C	212	MPa	

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.

www.kedisujiao.com

备注：以上原料物性数据由厂家发布, 我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！