



Producer: Ineos Olefins Polymers USA / Europe

N20G - 00

Description:

Grade N20G - 00 is a high melt flow rate "super-high" impact copolymer polypropylene for injection molding applications. It offers very high impact resistance and good stiffness. This material meets the requirements of the U.S Food and Drug Administration as specified in 21 CFR 177.1520.

Applications:

- Toys
- Consumer products
- Housewares
- Automotive
- Compounding

Benefits :

- High melt flow rate
- Good stiffness
- Very high impact resistance

TYPICAL PROPERTIES¹

RESIN	VALUES	METHOD
Melt Flow Rate, 2.16 kg 230°C ,g/10 min	20	D 1238
Injection Molded Sample		
Tensile at 23°C		D 638
Strength at Yield, psi (Mpa)	3,200 (22)	
Elongation at Break, %	> 200	
Flexural Modulus, at 23°C, kpsi (Mpa)	125 (860)	D 790B
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	170 (77)	D 648
Izod Impact Strength, 1/8" (3 mm) notched bar		D 256
at 23°C, ft-lb / in (J / m)	No Break	
at-20°C, ft-lb / in (J / m)	1.2 (65)	
Rockwell Hardness, R scale	50	D 785

¹ Typical properties will vary within specification limits.