



Producer: Ineos Olefins Polymers USA / Europe

N12N - 00

Description:

Grade N12N - 00 is a nucleated polypropylene impact copolymer with an excellent balance of stiffness and impact resistance for injection molding applications and compounding products used in Lawn and Garden applications. It has good stiffness and impact resistance even at sub ambient temperature. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Applications:

- General purpose injection molding
- Compounding
- Lawn and Garden applications
- Consumer products

Benefits :

- Excellent impact to stiffness balance
- Low temperature impact resistance

TYPICAL PROPERTIES¹

RESIN	VALUES	ASTM Method
Melt Flow Rate, 2.16 kg 230°C ,g/10 min	12	D 1238
Injection Molded Sample		
Tensile Strength @ Yield, at 23°C,psi (MPa)	3,430 (23.7)	D 638
Flexural Modulus, at 23°C, kpsi (Mpa)	160 (1,100)	D 790 A
Heat Deflection Temperature at 66 psi, (455 kPa), °F (°C)	198.1 (92.3)	D 648
Izod Impact Strength, 1/8" (3 mm) notched bar at 23°C, ft-lb/in (J/m)	NB ²	D 256

¹ Typical properties will vary within specification limits.

Break