

T00G-00 Polypropylene Impact Copolymer

T00G-00 is a fractional MFR polypropylene impact copolymer designed for the roofing membrane market. Its blend of impact resistance and flexural modulus is designed to provide an excellent balance between processing and performance. T00G-00 meets FDA requirements of 21CFR 177.1520(c), 3.4.

Applications

- Reinforced Roofing membrane

Benefits

- Good toughness
- Flexibility
- Good MD and TD tear strength
- Good and consistent processability
- Wind resistance
- Good weldability

Typical Properties¹

Resin	Values	ASTM Method
Melt Flow Rate, 2.16 kg at 230°C, g/10 min	0.6	D1238
Injection Molded Sample		
Tensile at 23°C		
Strength at Yield, psi (MPa)	1,300 (9)	D638
Elongation at Break, %	>300	D638
Flexural Modulus, 1% Secant at 23°C, kpsi (MPa)	25 (185)	D790A ²
Izod Impact Strength		
1/8" (3 mm) notched bar at 23°C, ft-lb/in (J/m)	No Break	D256
Hardness, Shore D Instantaneous	52	D2240

¹ Typical properties will vary within specification limits.

² Test speed: 0.05"/min

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2600 South Shore Boulevard
League City, TX 77573
Tel: 281-535-6600
www.ineos-op.com

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, call + 1-800-527-5419.

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For additional information, samples, pricing and availability, please contact:

INEOS Olefins & Polymers, USA

Marina View Building
2600 South Shore Boulevard
League City, Texas 77573
Phone: +1 281 535 6600
Fax: +1 281 535 6764
Customer Service: +1 800 527 5419
Tech Service: +1 800 338 0489
www.ineos-op.com

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