

# Qplast™

## QPI 20-3

### Impact Copolymer Polypropelyne

QPlast™ QPI 20 – 3 is a medium-impact copolymer polypropylene known for its excellent mold flow, balanced physical properties, and superior dimensional stability.

#### Supplier



#### Applications

- Closures
- Housewares
- Small Appliances

#### Physical

	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.900 g/cm <sup>3</sup>	0.900 g/cm <sup>3</sup>	ASTM D1505
Melt Flow Rate (230°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238

#### Mechanical

Tensile Strength at Yield	3500 psi	24 MPa	ASTM D638
Elongation at Yield	7 %	7 %	ASTM D638
Flexural Modulus — 1% Secant	164500 psi	1134 MPa	ASTM D790

#### Impact

Notched Izod Impact Strength at 73°F (23°C)	3.0 ft-lb/in	160 J/m	ASTM 256A
Notched Izod Impact Strength at 32°F (0°C)	1.7 ft-lb/in	91 J/m	ASTM 256A

#### Thermal

DTUL at 66psi — Unannealed	212 °F	100 °C	ASTM D648
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#### Hardness

Rockwell Hardness	95 R Scale	95 R Scale	ASTM D785
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