

Qplast™

QPH 20F

Homopolymer Polypropylene

QPlast™ QPH 20F is a low-viscosity homopolymer polypropylene specifically designed for multifilament and bulk continuous filament fiber applications. It features a unique blend of stabilizers, providing excellent gas fading resistance and optimal process stability.

Supplier 

Applications

- Fiber

Physical

	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.900 g/cm³	0.900 g/cm³	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	5300 psi	37 MPa	ASTM D638
Elongation at Yield	8 %	8 %	ASTM D638
Flexural Modulus (1.3 mm/min) — 1% Secant	210000 psi	1448 MPa	ASTM D790

Impact

Notched Izod Impact Strength 73°F (23°C)	0.4 ft-lb/in	21 J/m	ASTM 256A
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Hardness

Rockwell Hardness	105 R Scale	105 R Scale	ASTM D785
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Disclaimer

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