

Qplast™

QPH 035LWC

Homopolymer Polypropylene

QPlast™ QPH 035LWC is a medium melt flow rate homopolymer resin designed for woven fabric applications requiring high speed extrusion and low water carryover.

Supplier



Applications

- Carpet Backing
- Fabrics
- Compounding Fibers

Physical

	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.900 g/cm ³	0.900 g/cm ³	ASTM D792
Melt Flow Rate (230°C/2.16 kg)	3.5 g/10 min	3.5 g/cm ³	ASTM D1238

Mechanical

Tensile Strength at Yield	5200 psi	36 MPa	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus — 1% secant	232000 psi	1600 MPa	ASTM D790

Impact

Notched Izod Impact Strength 73°F (23°C)	0.5 ft-lb/in	29 J/m	ASTM D256A
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Thermal

DTUL at 66psi — Unannealed	214 °F	102 °C	ASTM D638
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