



## VINPOL™ PH032

### Homopolymer Polypropylene

Melt Flow: 3.2

Density: 0.90

**VINPOL PH032** is a general purpose homopolymer polypropylene resin designed for yarn and fiber. Typical applications include fishing nets, ropes, bands and packaging tapes.

Resin Property	Typical Value	Units	Test Method
Melt Index	3.2	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-1505
Tensile Strength at Yield	5,120 (35)	psi (MPa)	ASTM D-638
Elongation at Break	>500	%	ASTM D-638
Flexural Modulus	213,000 (1,470)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength	0.74 (39)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature	221 (105)	°F (°C)	ASTM D-648
Mold Shrinkage	1.0-2.0	%	Supplier Method
Water Absorption	<0.01	%	ASTM D-1570
Rockwell Hardness	96	R Scale	ASTM D-785
Melting Point	324 (162)	°F (°C)	ASTM D-3418
Softening Point	306 (152)	°F (°C)	ASTM D-1525

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