



VinPol™ PH080

Homopolymer Polypropylene

Melt Flow: 8.0

Density: 0.9

VINPOL PH080 is a homopolymer polypropylene that is suitable for metalized CPP film applications. This product has high stiffness and transparency, low gels, and excellent heat resistance as well as a good metalizing performance. This product meets requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	8.0	g/10 min	ASTM D-1238L
Density	0.9	g/cm ³	ASTM D-1505
Tensile Stress at Yield	5,120 (35)	psi (MPa)	ASTM D-638
Elongation at Yield	12	%	ASTM D-638
Flexural Modulus	228,000 (1,570)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.55 (29)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	100	R Scale	ASTM D-785
Heat Deflection Temperature, 4.6 kgf/cm ²	230 (110)	°F (°C)	ASTM D-648
Vicat Softening Point	311 (155)	°F (°C)	ASTM D-1525

