



VINPOL™ PR280

Random Copolymer Polypropylene

Melt Flow: 28

Density: 0.9

VINPOL PR280 is a random copolymer designed for extrusion coating onto BOPP film. It has good stiffness, processability, pigment dispersion and bond strength. It 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 Index	28	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,270 (22)	psi (MPa)	ASTM D-638
Tensile Strain at Break	>500	%	ASTM D-638
Flexural Modulus	121,000 (834)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	0.9 (49)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temp., 4.6 kgf/cm ²	185 (85)	°F (°C)	ASTM D-648
Vicat Softening Point	262 (128)	°F (°C)	ASTM D-1525
Rockwell Hardness	80	R Scale	ASTM D-785

