



VinPol™ PR021

Random Copolymer Polypropylene

Melt Flow: 2.1

Density: 0.9

VINPOL PR021 is a random copolymer polypropylene designed for extrusion blow molding applications and thermoforming of medical and other specialty devices and packaging. It has excellent organoleptics and very low ash metal content.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	2.1	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1501
Tensile Strength at Yield, 50 mm/min	4,140 (28.5)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	13	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3 mm/min	141,000 (972)	psi (MPa)	ASTM D-790A
Deflection Temp. Under Load, 66psi, Unannealed	179 (82)	°F (°C)	ASTM D-648
Notched Izod Impact, 23°C	1.3 (69)	ft-lb/in (J/m)	ASTM D-256A

