



VINPOL™ PR023

Random Copolymer Polypropylene

Melt Flow: 2.3

Density: 0.9

VINPOL PR023 is a low melt flow random polypropylene suitable for extrusion and thermoforming applications requiring clarity and processability. Meets all requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	2.3	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1501
Tensile Strength at Yield, 50 mm/min	4,300 (30)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	13	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3 mm/min	160,000 (1,100)	psi (MPa)	ASTM D-790
Plaque Haze	24	%	Supplier Method
Notched Izod Impact, 73°F (23°C)	3 (160)	ft-lb/in (J/m)	ASTM D-256

