vinmar polymers america

VINPOL™ PH035NS

Homopolymer Polypropylene

Melt Flow: 3.5

VINPOL PH035NS is a high crystallinity homopolymer polypropylene with nucleating and antistatic additives. It has a good combination of mechanical properties, process-ability and color. It is designed for thermoformed containers and tubs, yogurt and rigid packages, highly rigid disposable dishes, injection appliances, hot filling, extrusion and injection molding of general purpose items. This product is FDA compliant*.

Resin Property*	Typical Value	Units	Test Method
Melt Flow, I_2 @ 230°C	3.5	g/10 min	ASTM D-1238B
Tensile Strength at Yield, 2 in/min (50 mm/min)	5,600 (38.6)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield, 2 in/min (50 mm/min)	6	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.05 in/min (1.3 mm/min)	300,000 (2,068)	psi (MPa)	ASTM D-790-1A
Notched Izod Impact Strength, 73° F (23°C)	0.7 (37.4)	ft-lb/in (J/m)	ASTM D-256A

** FDA CFR 21 (Updated), Numeral 177.1520 (a) (1) (i), (b) y (c) 1.1a Olefin polymers. It is the manufacturer's experience that extraction experiments, with test samples of this reference or a comparable grade, have demonstrated that the limits of extraction of the specification were not exceeded, therefore can be used with all kinds of food articles for contact food, except articles used to pack or keep food during cooking, under conditions of use B to H, as described in Table 2, FDA CFR 21Numeral 176,170 (c); subject to the requirements of good manufacturing practices of the FDA.*

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Rev. Date 09/26/2018