

AXPOLY® PS01 3028

Product information sheet: Off-white impact modified polystyrene resin grade

Description: A high impact polystyrene (HIPS) grade with excellent purity and good surface finish. Light, off-white colour allows for pigment addition in applications such as consumer gadgets, gifts and toys.

Product physical properties

Product grade: Axpoly® PS01 3028 impact modified grade

Test parameter	ISO standard	Mean value	Units
MFI (2.16 kg @ 230°C)	1133	6	g/10mins
Density	1183 -1	1.03	g/cm ³
Tensile strength	527 - 1/2	22	MPa
Impact strength	180	7	kJ/m ²
Elongation @ break	527 - 1/2	31	%
Moisture	Internal	0.18	%
Cadmium		<100 ppm	
Chromium		<200 ppm	
Lead		<200 ppm	
Mercury		<200 ppm	
Chlorine		<900 ppm	
ABS content		<5%	

Please note this polymer is not approved for use in food and medical applications.



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