

AKSAD GROUP PETROCHEM

332C

ZB332C is a high molecular weight Heterophasic Polypropylene Copolymer FOR BLOW moulding and extrusion.

Product Description

ZB332C exhibits excellent heat and detergents resistance, and is designed to produce items with superior toughness, even at low temperature.

Because of its excellent impact strength and its particular formulation, ZB332C is well suited for extrusion blow moulding appliance components, wheels, under-the-hood automotive parts, toolboxes, suitcases and large containers.

Application

Extrusion application of ZB332C include profiles, pipes and tough sheet for industrial applications. Sheet produced with ZB332C is also well suited for thermoforming trays for cold storage.

ZB332C can be compression moulded into thick sheet.

Properties	Value	Unit	Method	Tolerance
Melt flow rate(230C°.2.16kg)	0.35	gr/10 min	ASTM D 1238	(+/-) 0.05
Melt flow rate(230C°.5.0kg)	1.7	gr/10 min	ASTM D 1238	(+/-) 0.2
Vicat softening point(9.8 N)	150	C°	ASTM D 1525	(+/-) 5
H.D.T (0.46 MPa)	80	C°	ASTM D 648	(+/-) 8
Flexural modulus	1100	MPa	ASTM D 790	(+/-) 120
Tensile strength@Yield	27	MPa	ASTM D 638	(+/-) 4
Elongation@Yield	15	%	ASTM D 638	-2
Izod impact strength(notched)@23C°	750	J/m	ASTM D 256	(+/-) 70
Izod impact strength(notched)@-20C°	80	J/m	ASTM D 256	(+/-) 7
Rockwell hardness [R-B Scale]	77	R-B	ASTM D 785	(+/-) 10

*Values shown are average and are not to be considered as exact product specifications.

*All specimens are prepared by injection molding.