



Baspar Sazeh Toos
Poly Bas 1060 D 3017
Polypropylene Compound

Product Description

Poly Bas 1060 D is mineral filled propylene copolymer blend with EPDM .Easy process and appropriate stiffness with good scratch resistance and suitable for variety of applications specialty in automotive industries.

General

Additive	Anti UV
Features	Good process ability
Process	Injection molding
Color	Dark beige
Forms	Pellets
Packaging	25kg PE bag

Application

Interior automotive applications . Typical customer applications are automotive instrument panel .

Physical	Nominal Value Unit	Test Method
Melt Flow Index(230C , 2.16kg)	9.7 g/10min	ISO 1133
Density	1.06g/cm ³	ISO 1183
Hardness	64.7 Shore D	ISO 868

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		
HDT 0.45MPa	108.5 °C	ASTM D 648 , 2004

Colorimetry	Nominal Value Unit	Test Method
Color shade ,CIE L* ,a* ,b*	41.99/2.86/6.12	ASTM E 1164

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength	19.48 kj/m ²	ASTM 6110
Charpy Unnotched Impact Strength	NO -BREAK	ISO 179-1

Mechanical	Nominal Value Unit	Test Method
Tensile Stress		
Break	17 MPa	ISO 527-2/1A/50,1996
Tensile Strain		
Break	24.2%	ISO 527-2/1A/50,1996

Process

As a guide the following temperature profile and other conditions are recommended

Zone 1	Zone 2	Zone 3	Zone 4	Die	Mold Temperature
180-190°c	190-200°c	200-210°c	200-210°c	210-220°c	50-70°c
Drying Temperature			Drying Time		
70-80°c			1-2 hr		