



**Baspar Sazeh Toos**  
**Poly Bas 1060 D**  
**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 , 2.1kg)	12 g/10min	ISO 1133
Density	1.074g/cm <sup>3</sup>	ISO 1183
Hardness	68.4 Shore D	ISO 868

Thermal	Nominal Value Unit	Test Method
<b>Heat Deflection Temperature</b>		
HDT 0.45MPa	122.26 °C	ASTM D 648 , 2004
HDT 1.82MPa	64.63°C	ISO 75-1, 2004
<b>VICAT</b> 120°C/Hr,10N	148.8	ASTM D 1525, 2000

Colorimetry	Nominal Value Unit	Test Method
<b>Color shade ,CIE L* ,a* ,b*</b>	42.61/2.85/6.15	ASTM E 1164

Mechanical	Nominal Value Unit	Test Method
<b>Tensile Stress</b>		ISO 527-2/1A/50,1996
Break	17 MPa	
<b>Tensile Strain</b>		ISO 527-2/1A/50,1996
Break	24.2%	
<b>Flexural Modulus</b>	1693MPa	ISO 178 ,2004

Impact	Nominal Value Unit	Test Method
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**Charpy Notched Impact Strength**

23°C	19.48kJ/m <sup>2</sup>	ASTM D 6110
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**Charpy Unnotched Impact Strength**

23°C	NO-BREAK	ISO 179-1
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Automative Tests	Requirements	Nominal Value Unit	Test Method
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Color fastness to rubbing	dry a:5 b:5	dry a:5 b:5	D45 1010
	Soapy water a:5 b>2	Soapy water a:5 b:4	
	Ethanol a>=4 b>2	Ethanol a:4 b:4	
Color stability in fluids.expose to light	grading>=4	4.5	D47 5243
Flammability	MAX 100	25.8	D45 1333
Xeno	grading>=4	5	D47 1431
Abrasion	no wear	no wear	D14 1425

**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		