



Baspar Sazeh Toos
Poly Bas 180-A
Thermoplastic Vulcanizate

Product Description

Poly Bas 180-A is a versatile thermoplastic vulcanizate. This material combines good physical properties and chemical resistance for use wide range of applications.

General

Additive	.Anti UV
Process	Injection Molding, Blow Molding
Features	Chemical Resistance
Color	Black
Forms	. Pellets
Packaging	. 25kg PE bag

Application

General usage and automotive parts

Physical	Nominal Value Unit	Test Method
Density	0.885 g/cm ³	ISO 1183
Hardness	81 Shore A	ISO 868

Mechanical	Nominal Value Unit	Test Method
Tensile Stress	64.7kgf/cm ²	ASTM D412
Elongation	300 %	ASTM D412
Tear strength	23.5 kN/m	D 41 5149
Compression set(70°C*22h)	37.4 %	D 45 1132

Process

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

Zone 1	Zone 2	Zone 3	Zone 4	Nozzle	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		

