



**Baspar Sazeh Toos**  
**Poly Bas 127-KF**  
**EPDM Compound**

**Product Description**

Poly Bas 127-KF is TUNNEL SEGMENT GASKETS compound. Easy process and appropriate high physical properties and resistance to weathering ozone water and steam use in Urban Subway system.

**General**

Features	Good process ability/high physical properties
Process	extrusion
Color	black
Forms	strip 75&150mm*7mm
Packaging	400 kg in pallet

**Application**

It has a long life, and has resistance against chemical and micro-biologic factor.

RHEOLOGICAL	Nominal Value Unit	Test Method
Mooney viscosity ML (121 °C)	58-70 MU	MV 2000/ ALPHA
TS2	45 SEC	MDR 2000/ALPHA
Hardness	75 Shore A	D45 1291

PHYSICAL PROPERTIES	Nominal Value Unit	Test Method
TENSILE	MIN 90 Kg/cm <sup>2</sup>	D41 1099
COMPRESSION SET	MAX 30 %	D45 1132
OZONE RESISTANCE	NO CRACK	D47 1100

**PROCESS**

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

Zone 1	Zone 2	SCREW	HEAD	LCM	LINE SPEED
60-70 °c	60-70 °c	50-60 °c	80-90 °c	210-230 °c	12 m/min
COMPOUND RESTING TIME					
24 hr					