



Baspar Sazeh Toos
PolyBas 197-B
FKM Compound

Product description

PolyBas 197-B is a FKM compound with outstanding heat, and fluid resistance ,

General

Features	Tube OF FUEL HOSES as environmental protection in automotive industries
Process	extrusion
Color	black
Form	Sheet
Packaging	as costumer requested

Applications

,Advanced fuel hoses construction, , hose & tube

Rheological properties	typical value-Unit	Test Method
Mooney viscosity ML(1+7)121 °C	53 MU	MV 2000/ ALPHA
tS2	170 Sec	MDR 2000/ALPHA
t90	512 Sec	MDR 2000/ALPHA

Physical properties	typical value-Unit	Test Method
Hardness	70 Shore A	D41 1291
Tensile strength	13 MPa	D41 1099
Elongation at break	200 %	D41 1099

Resistance to ozone cracking at /2hrs/fuel C then 48 hours/200 pphm/40°C/20% strain

Permeability of Fuel c equal 0.06 g/h.m²

Cold resistance at -19°C (no crack)

Process

Typical cure time is 45 minutes at 160°C (Auto clave)