



Baspar Sazeh Toos
PolyBas 197-D
ECO Compound

Product description

PolyBas 197-D is a ECO compound with good heat, chemical and ozone resistance , broad temperature (-40°C to 150°)

General

Features	COVER OF FUEL HOSES
Process	extrusion
Color	black
Form	strip
Packaging	as costumer requested

Applications

,Advanced fuel hoses construction, diaphragms, air ducts, seal, hose & tube

Rheological properties	typical value-Unit	Test Method
Mooney viscosity ML(1+7)121 °C	55 MU	MV 2000/ ALPHA
tS2	60 Sec	MDR 2000/ALPHA
t90	480 Sec	MDR 2000/ALPHA

Physical properties	typical value-Unit	Test Method
Hardness	70 Shore A	D41 1291
Tensile strength	8 MPa	D41 1099
Elongation at break	250 %	D41 1099

Resistance to ozone cracking at /7days/70°C then 48 hours/200 pphm/40°C/20% strain

Cold resistance at -45°C (no crack)

Good heat resistance (retention of mechanical properties) at 7 days/125°C

Permeability of Fuel c equal 15 g/h.m²

Process

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