

ValuPrene p-TPV 75A BK

PRODUCT DATA SHEET

A medium hardness, black color, multi-purpose thermoplastic elastomer featuring good compression set and moderate temperature performance. ValuPrene 75A BK can be processed by extrusion for applications such as weatherstrip profile, seals, and window gaskets.

Attributes:

- ValuPrene p-TPV is designed for applications requiring sealing performance at moderate temperatures.
- Suitable for profile extrusion.
- Conventional thermoplastic processing equipment can be used.

Applications:

ValuPrene p-TPV has good sealing property, chemical, weathering resistance and electrical property that is suitable for TPV, thermoset EPDM rubber, Styrene based TPE, flexible PVC and other TPE applications. It is a good choice for applications requiring flexibility in the following markets: automotive parts, appliance, construction, consumer products, and electronics.

Property	Typical Value	Unit	Test Method
PHYSICAL			
Hardness Injection Molded, 15 sec	78	Shore A	ISO 868
Specific Gravity 23°C	0.96	N/A	ISO 1183
Melting Point	153	°C	LCY Method
Compression Set 22 hr @ 23°C 22 hr @ 70°C	25 45	%	ISO 815
MECHANICAL			
Tensile Strength 23°C, 500 mm/min	10	MPa	ISO 37
Tensile Modulus @ 100% 23°C, 500 mm/min	3.3	MPa	ISO 37
Ultimate Elongation 23°C, 500 mm/min	630	%	ISO 37
Tear Strength 23°C, 500 mm/min	32	kN/m	ISO 34-1

