

Forprene® 6EK.A35

Thermoplastic Vulcanizate (TPV)

Description	TPV, extrusion grade.
Norm compliance	EU Directive 2002/95/EC (RoHS) compliant.
Applications	Automotive, building, industrial.
Processing technology	Extrusion

The following figures indicate the typical material properties and are not to be considered a specification

Physical Properties	Typical value	Test method	Units
Hardness 15"	A 35	ASTDM D2240	Shore
Specific gravity (23°C)	1.00	ASTM D792	g/cm³

Elasto-Mechanical Properties	Typical value	Test method	Units
Tensile strength	3.6	ASTM D412-C	MPa
Elongation at break	490	ASTM D412-C	%
Modulus 100%	1.0	ASTM D412-C	MPa
Tear strength	14	ASTM D624-C	kN/m
Compression set (22 h 70°C)	31	ASTM D395-B TYPE 1	%

Processing Conditions	Typical value	Test method	Units
Cylinder temperature	160-170-180	-	°C
Head temperature	180	-	°C
Dye temperature	170	-	°C
Drying	not necessary	-	hours - °C

Storage
This product should be stored in a covered facility and kept away from moisture and heat.

Disclaimer
The figures reported in this Technical Data Sheet are based on tests and analyses carried out in SO.F.TeR. laboratories on injection-moulded specimens. These figures indicate the typical material properties and are not to be considered a specification. The user shall always carry out his own tests and analyses in order to verify the suitability of the material for the specific application.

Trademark
Forprene® is a registered trademark of SO.F.TeR. SPA, Italy.

