tefanyl® VE VEIP 220

Flexible Polyvinyl Chloride

Mitsubishi Chemical Performance Polymers, Inc.

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Technical Data

Product Description

The tefanyl® product range consists of ready made rigid and plasticised PVC compounds, manufactured to serve numerous sectors like the automotive and building industries and in applications such as electrical devices, household appliances and accessories, cables, packaging and many others.

The tefanyl® VE range includes hardnesses from 50 shore A to 60 shore D, this allows the manufacturing of flexible or semi-rigid parts, depending on the specific needs of each application. We offer colour-matched compound as well as natural grades that can be easily coloured with masterbatch. Certain foam grades are specifically designed to produce large parts with low densities and low hardness.

The thermoplastic nature of téfanyl® allows its' use in different techniques: injection moulding, extrusion, blow-moulding and calendering, all using traditional PVC equipment.

The excellent flow characteristics allow the manufacturing of thin walled parts. Intrinsic compatibility allow easy co-extrusion of the flexible téfanyl® VE with the rigid téfanyl® VR.

téfanyl ® is fully and easily recyclable.

General

Material Status	• Commercial: Active		
Literature [1]	• Technical Datasheet (English)		
Search for UL Yellow Card	• Mitsubishi Chemical Performance Polymers, Inc.		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Filler		
Features	• Good Flexibility • Good Flow	• Heat Aging Resistant • Recyclable Material	
Uses	• Thin-walled Parts		
Appearance	• Opaque		
Processing Method	• Coextrusion	• Injection Molding	

Hardness	Nominal Value (English)	Nominal Value (SI)
Shore Hardness		
Shore A	55	55
Shore D	40	40

Thermal	Nominal Value (English)	Nominal Value (SI)
Service Temperature	-4 to 176 °F	-20 to 80 °C

Notes

[1] These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

[2] Typical properties: these are not to be construed as specifications.

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