

# THERMO PLASTIC VULCANIZE

## 4785

### TPV

#### Description

4785 is a soft-type TPV. 2785 can be processed by the extrusion molding.

#### Applications

- Automotive parts, sheets, tubes and general industrial products.

Physical Properties	Unit	Test Method	Typical Value
MFR (230°C, 98N)	g/10min	ASTM D1238	21
Density	Kg/m <sup>3</sup>	ASTM D792	882
Mechanical Properties			
Durometer A Hardness	-	ASTM D2240	69
Tensile Strength at Break	MPa	ASTM D412	8.0
Tensile Elongation at Break	%	Die C 500mm/min	740
Compression Set (70 °C, 22hr)	%	ASTM D395	53

#### Processing Conditions (Extrusion):

Cylinder Temperature: 170-230 °C

Die Temperature: 200-220 °C

#### Storage and Handling:

Avoid direct sunlight, avoid contact with eyes, avoid prolonged, repeated contact with skin and use adequate ventilation.

#### Regulatory Compliance:

Please visit Petro Rabigh website or contact Quality Assurance and Claim Handling Section:

[Marketing&ProductDevelopmentDept.QA&CH.Section@petrorabigh.com](mailto:Marketing&ProductDevelopmentDept.QA&CH.Section@petrorabigh.com)

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