

SANTOPRENE® 201-73W222

SANTOPRENE®

A soft, colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good fluid and oxidative resistance for use in a wide range of applications. This grade of Santoprene® TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding. It is polyolefin based and recyclable within the manufacturing stream.

Key Features

- · Recommended for applications requiring excellent flex fatigue resistance.
- · Recommended for applications requiring excellent ozone resistance.

Product information **Resin Identification** TPV ISO 1043 Part Marking Code >TPV< ISO 11469 Typical mechanical properties Tensile stress at 100% elongation, perpendicular 3.3 MPa **ISO 37** Elongation at break, perpendicular ISO 527-1/-2 or ISO 37 460 % Shore A hardness, 15s 77 ISO 48-4 / ISO 868 Physical/Other properties Density 970 kg/m³ ISO 1183

Additional information

Processing Notes

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Desiccant drying for 3 hours at 80°C (180°F) is recommended. Santoprene® TPV has a wide temperature processing window from 175 to 230°C (350 to 450°F) and is incompatible with acetal and PVC.

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