

# SANTOPRENE® 101-87 ECO-R

## SANTOPRENE®

A hard, black, versatile thermoplastic vulcanizate (TPV) grade in the thermoplastic elastomer (TPE) family made minimum 25% post-consumer recycled (PCR) materials. It is a general-purpose product well suiting needs of extrusion, co-extrusion applications, particularly that of static foot of automotive weather seal systems like glass run channels. This grade of Santoprene<sup>®</sup> TPV is shear-dependent and can be processed on conventional thermoplastics equipment for extrusion or thermoforming. It is polyolefin based and recyclable within the manufacturing stream.

Product information				
Resin Identification Part Marking Code		TPV >TPV<		ISO 1043 ISO 11469
Typical mechanical properties				
Tensile stress at 100% elongation, per Stress at break, perpendicular Elongation at break, perpendicular Shore A hardness, 15s Compression set, 23°C, 24h Compression set, 70°C, 24h Initial Tear Resist., Die C	rpendicular	10.4 536 95 34 53	%	ISO 37 ISO 527-1/-2 or ISO 37 ISO 527-1/-2 or ISO 37 ISO 48-4 / ISO 868 ISO 815 ISO 815 ISO 34-1
Physical/Other properties				
Density		963	kg/m³	ISO 1183
Extrusion				
Drying Temperature		82	°C	
Drying Time, Dehumidified Dryer Melt Temperature Range		3 175 - 205		
Characteristics				
Additives	Contains Recycle			
Additional information				

### Additional information

**Processing Notes** 

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Desiccant drying for 3 hours at 82°C (180°F) is recommended. Santoprene® TPV has a wide temperature processing window from 175 to 230°C (350 to 450°F) and is incompatiable with acetal and PVC.

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