

Short designation	70 EPDM 291 / 253815
Brand name	-
Chemical description	Ethylene propylene diene monomer rubber
Mechanical properties	
Hardness range [Shore A/D]	70 - 80
Wear resistance	good
Tensile strength [MPa]	14-18
Physical properties	
Density [g/cm ³]	1.08 - 1.10
Application temperatures	
Temperaturerange,short-term[°C]	-50 - 180
Temperaturerange,permanent[°C]	-40 - 150
Other properties	
Flammability per UL 94	not specified
Chemical resistance	
Mineral grease and oils	--
Petrol	--
Weak/strong acids	+ / +
Weak/strong alkalis	++ / ++
Perchloroethylene	--
Trichloroethylene	--
Acetone	++
Alcohols	++
Brake fluid	++
Hydrolysis resistance (hot water)	++
Weather/UV radiation	++

Main uses	<p>70 EPDM 291 / 253815 is an ethylene and propylene based rubber.</p> <p>291: Soot filled, black 253815: Mineral filled, white</p> <p>It was developed especially for the Hygienic USIT® sealing and shim washers. Hygienic USIT® sealing washers are specially designed for use in the foodstuff, beverage and pharmaceutical industries. They are particularly resistant to hydrolysis and all common cleaning agents used in these sectors.</p>
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++ very good / + good / o satisfactory / - moderate (significant change to properties) / -- unsuitable