

# EPDM DOOR SEALS

Automotive Sealing



## FEATURES

- ROHS Compliance
- REACH Compliance
- FMVSS 302-Flammability
- Excellent Ozone Resistance
- Excellent UV Resistance
- Resistance against acid and alkali.
- Resistance against heat.

## APPLICATIONS

- Door Sealing of Vehicle



Properties	Value / Value Range (Solid Part)	Value / Value Range (Sponge Part)	UOM	Standard Applied
Hardness	70± 5 (Other on request)	-	Shore A	ASTM D 2240
Specific gravity	-	0.65±0.05 (Other on request)	-	
Tensile strength	70 Min.	15 Min.	Kgf/cm <sup>2</sup>	ASTM D 412
Elongation at break	200 Min.	150 Min.	%	ASTM D 412
Tear strength	15 Min	-	kgf/cm	ASTM D 0624
Application temperature	-40 ~ 120	-40 ~ 120	°C	ASTM 1329
Age resistance at 70 °C for 70 hrs			°C	ASTM-D573
Δ Hardness	+10'-5	+10'-5	-	ASTM D 2240
Δ Tensile strength (%)	-25 Max.	-25 Max.	%	ASTM D 412
Δ Elongation at break (%)	-35 Max.	-35 Max.	%	ASTM D 412
Compression set (%) at 70 °C for 22 hrs	50 Max.	50 Max.	%	ASTM D 395
Ozone resistance 50			pphm	
O <sub>3</sub> concentration 50	NO VISIBLE	NO VISIBLE	pphm	
Test temperature 40	CRACKS	CRACKS	°C	ASTM-D1149
Elongation 20			%	
Testing duration 72			Hrs	