

PRODUCT DATA SHEET

TIVILON M Series

EPDM-based TPV compounds with excellent elastomeric properties and superior compression-set, designed for injection moulding and co-moulding onto polyolefines.

GRADE: M 90 DI 2 (for internal applications)

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.09
Hardness	DIN 53505 / ASTM D 2240	90° Shore A
Melt Flow Index 190 C / 49.05 N g/10min	ASTM D1238	5.5
Tear Strength (un-notched)	DIN 53515 / ASTM D624	45 KN/m
100% Modulus 300% Modulus	DIN 53504 / ASTM D 638	3.2 Mpa 4.5 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	13.5 Mpa
Elongation at break	DIN 53504 / ASTM D 638	760 %
Compression set 24h @ 70 deg C	DIN 53517	44 %

