

PRODUCT DATA SHEET

TIVILON M Series

EPDM-based TPV compounds with excellent elastomeric properties and superior compression-set, suitable for extrusion, injection moulding and co-moulding onto polyolefines. They have excellent U.V. stability and good oil resistance.

GRADE: **M 55 DE 2 (for external applications)**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.09
Hardness	DIN 53505 / ASTM D 2240	55° Shore A
Melt Flow Index 190 C / 49.05 N g/10min	ASTM D1238	5.0
Tear Strength (un-notched)	DIN 53515 / ASTM D624	25 KN/m
100% Modulus 300% Modulus	DIN 53504 / ASTM D 638	2.0 Mpa 3.3 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	7.6 Mpa
Elongation at break	DIN 53504 / ASTM D 638	710 %
Compression set 24h @ 70 deg C	DIN 53517	32 %

