

Thin wall crosslinked Viton®

TECHNICAL DATA: DERAY®-VT 220 TW	CURRENT VALUES	TEST METHODS
Material		
Material	Elastomer, modified; free of lead and cadmium	n/a
Surface	satin, matt	n/a
Specific gravity	1.9 g/cm³ max.	ASTM-D 792, A-I
Shrink ratio	2:1	n/a
Longitudinal shrinkage	-10% max	AS23053
Mechanical		
Tensile strength	8.2 MPa min.	ASTM D 412
Elongation	250% min.	ASTM D 412
Secant modulus	70 MPa max.	ASTM-D 882
Thermal		
Tensile strength after thermal ageing (168 h at 250°C)	8.2 MPa min.	AS23053
Elongation after thermal ageing (168 h at 250°C)	200%	AS23053
Thermal shock (4 h at 300°C)	no cracking, dripping or flowing	AS23053
Cold bend test	does not break at -40°C	AS23053
Combustion behaviour	selfextinguishing	ASTM D 876
Shrink temperature	160°C min.	n/a
Storage temperature	35°C max.	AS23053
Continuous operating temperature	-55°C to 220°C	AS23053
Chemical		
Resistance against chemicals	good	n/a
Water absorption	0.5% max.	ASTM D 570
Electrical		
Dielectric strength	7,9 kV/mm	VDE 0303 Part 2
Spec. volume resistance	10 ⁹ Ω x cm	VDE 0303 Part 3

Viton® is a registered trademark of du Pont de Nemours and Co. Inc. for the raw material

FOR FURTHER INFORMATION, PLEASE CONTACT:

Americas: 800 422 6872 Canada: 800 845 6808 Asia Pacific: +86 512 82280099 Europe: +49 2226 9047 355

We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.