MetaLine® 785

medium-soft elastomeric spray-coating

Application method	spraying / casting	
Application equipment	MetaLine Cartridge Gun	
Mixing ratio	2 : 1 by volume	
Processing temperature	+50 °C to +70 °C	
Hardness (sprayed / casted)	82 / 85 Shore A	A.S.T.M. D2240-68
Density	1,05 g/cm³	DIN 53 479
Tensile strength	20 N/mm²	A.S.T.M. D412-68
Tensile modulus (at 100 % elongation)	7 N/mm²	A.S.T.M. D412-68
Tear strength	55 N/mm	DIN 53 515
Elongation at break	380 %	A.S.T.M. D412-68
Bashore resilience	45 %	DIN 53 512
Thermal conductivity	0,2 W/K·m	DIN 52 612
Dielectric surface resistivity	7 x 10^{10} Ohm	DIN 53 482
Dielectric breakdown voltage	> 5 Kv/mm	DIN 53 841
Temperature resistance (dry / wet)	-50 °C to +130 °C / +60 °C	
TABER-Abrasion (H-22, dry, 1 kg, 1000 rev.)	8.2 mg	A.S.T.M. D1-044-73
Abrasion	70 mm³	DIN 53 516
Coefficient of static friction	$\mu(0)$ = approx. 0.6	
Solids content (by volume and weight)	100 %	
Working life	1 minute	at 50 °C
Full Cure (relative to stress)	> 1 day	at 20 °C
Coverage (per mm film thickness)	1,2 kg/m²	theoretically
Chemical description	PTMEG / TDI-polyether	stripped Isocyanate



Subject to technical modifications! Information and application examples in this overview are provided to the best of our knowledge. However, they also apply without guarantee in reference to the exclusive rights of third parties and do not release the user to check the products and processes for their suitability and material tolerance regarding their intended use. We do not assume liability for the application results. MetaLine is a registered Trademark of our company. Copyright by MetaLine Surface Protection GmbH, DE-71157 Hildrizhausen (2004).

DE-71157 Hildrizhausen (Germany) | Phone +49 (0) 7034 3100-0 | info@metaline.de