TEMADUR SC 50

Product code: 528-S
Hardener: 008 7640

This information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

PHYSICAL PROPERTIES OF PAINTS

Test items	Value	Method	Note!
Density kg/l	1,4±0,1	ISO 2811	Mixture
Nonvolatile content			
% by weight	78	calculated	
% by volume	65	ISO 3233	
Volatile Organic Compounds		calculated	
g/l	320±20		
Viscosity			
s, DIN cup X		DIN 53211	
KU		ASTM D562	
cP		ISO 2884	
Flash point, ºC	25	ISO 3679	
Pot-life, h	4	ISO 9514	
Initial gloss, /60º	50±10	ISO 2813	
Hardness			
Pencil hardness test		ASTM D-3363	
Pendulum damping test, s	70	ISO 1522	DFT 60µm
Adhesion			
Cross-cut test	0, exellent	ISO 2409	
Pull-off test, MPa	> 4	SFS-EN 24624	
Flexibility		ISO 1520	
Cupping test, mm			
Corrosion resistance		ISO 7253	Paint system:
Neutral salt spray, 1000 h			PUR120/1-FeSa2½
Rusting	Ri0	ISO 4628/3	
Blistering	0	ISO 4628/2	

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PHYSICAL PROPERTIES OF PAINTS

Test items	Value	Method	Note!
Corrosion resistance		ASTM G85-98 A5	Paint system:
Prohesion test, 1000 h			PUR120/1-FeSa2½
Rusting	Ri0	ISO 4628/3	
Blistering	0	ISO 4628/2	
Resistance to humidity, 240 h		ISO 6270	Paint system:
Rusting	Ri0	ISO 4628/3	PUR120/1-Fe
Blistering	0	ISO 4628/2	
Accelerated outdoor test (SCAB)		ISO 11474 (1998)	Substrate:
Rusting		ISO 4628/3	Paint system/DFT:
Blistering		ISO 4628/2	
Chemical resistance		ISO 2812-1	
Gasoline resistance		ISO 2812-1	
Water resistance immersion method		ISO 2812-2	
Cold resistance	Pass	Tikkurila method -60 ºC / 5 h	
Accelerated weathering, 1000 h		QUV-A, ASTM	
Gloss reduction, %	15	G154-00 ISO 2813	
Outdoor exposure, time xxx			
Gloss reduction, %		ISO 2813	
Heat resistance	Pass	ISO 3248	
Fullfils e.g. following requirements			