

Technical Data Sheet

Epobond Black

This process has been developed for a highly durable finish with some degree of self-lubrication.

	<i>Standards</i>	<i>Unit</i>	<i>Value</i>
COATING CHARACTERISTICS			
Specific gravity at 23°C	DIN 53 479 – ISO R 1183	g/cm ³	1.2 + 0.15
Average thickness of the coating		Microns	100 to 375
VICAT point under 1 daN	DIN 53 460	°C	181
Adhesion	NFT 58-112	Class	4
SHORE D hardness	DIN 53 505		70 +/- 10%
PERSOZ hardness at 20°C	NFT 30-016	Second	160 to 280
Wear TABER resistance-wheel CS 17 Load 1kg – 100 cycles	DIN 16-926 – NFT 30-015	mg	4 to 12
Gloss at 60°C	DIN 53 223 – NFT 30-064	%	45 TO 75
Temperature resistance		°C	-40 to +80
Impact resistance Ø 23mm (depending on the colour)	NFT 30-039	joule	from 2 to 8
Dielectric breakdown voltage 330µ	ASTM D 149-81	kV	> 8
Chemical resistance	Oils-grease-solvents, fuels hydrocarbons, Alkalies, Sea water, drinking water and food contact		Very good
1000 hours Salt Spray test	ASTM B 117		
	Adhesion		4
	Creep	mm	2
UV Resistance			Very good