

Polymeric linings 795 type datasheet

Material basis	solvent-free elastomer on modified PUR-basis
Type of reaction	2-component material, self-mixing by means of a static mixer
Type of application	cartridge spraying, casting and injection
Working conditions	may be processed under high heat and high humidity
Thermal treatment	no post-treatment necessary
Properties	elastic, impact-damping, easy glide
Characteristics	resistant against wear, erosion, corrosion
Layer thickness	1.0 mm (40 mils) up to infinite
Number of layers	processable in one single operation
Static surface friction $\mu(0)$	approx. 0.15
Chemical resistance	usually ph 3-11
Mechanical processability	machinable with most processes
Area weight	1.05 kg per m ² /mm (0.22 lb per 40 mils/sqft) film thickness
Ready for use	as from 12 hours
Color	light grey, dark grey, blue, black, red, yellow, green, natural
Substrate preparation	mechanical roughing or gritblasting / degreasing / priming
Food compatibility	according to FDA 177.1680 (title 21), EU 1935/2004
Drinking water compatibility	according to British Standard BS 6920 and Australian Standard AZ/NS 4020/2005
Nuclear decontamination	as per specification DIN 25415 rated as "excellent"
Container size	double cartridge with 1.05 kg (2.3 lbs) including mixer/spray nozzle
Shelf-life	at least 12 months
Availability	immediately ex warehouse