

TPE (Thermoplastic Elastomer) D-Fenders

Technical Data Sheet

TPE stands for thermoplastic elastomer which is a mixture of rubber and plastic and is made up from recycled materials - TPS-SBS/S.E.B.S type. It offers a good resistance against aging, UV, atmospheric agents and general chemical products.

Compliance with Rules

- Food Contact According Suppliers Datas - **Not suitable for food applications**
- Regulation CE N° 1907/2006 REACH
- Directive 2002/95/EC (RoHS): We are not aware of any lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenylethers (PBDE) being present in our compounds beyond permissible levels
- Directive 2002/96/EC (WEEE): We are not aware of any polychlorinated biphenyls (PCB), polychlorinated terphenyls (PCB/PCT), mercury, brominated flame-retardants, asbestos, chlorofluorocarbons (CFC), hydrochlorocarbons (HCFC), hydrofluorocarbons (HFC), ceramic fibres or radioactive substances being present in our compounds beyond permissible levels.

Physical Properties	Test Values	Standards
Hardness 5 Seconds	57 ShA	ISO 868
Density	1.09	ISO 2781
Tensile Strength at Break	7.8 Mpa	ISO 37
Elongation at Break	700%	ISO 37
D.R.C 24h at 23°C	20%	ISO 815 Type B
D.R.C 24h at 70°C	46%	ISO 815 Type B
Temperature Resistance	-35°C to 75°C	
Colour	Colourable Beige	