

TECHNICAL DATA THV Resin PF-T20PL

THV resin is a terpolymer of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride. It offers optical transparency, permeation resistance, chemical resistance, and low-temperature processability. It can be co-processed with selected plastics and hydrocarbon elastomers and can bond to many elastomers and plastics.

Applications

Spray coating and use as an additive for plastics and elastomers.

NO.	ITEM	UNIT	VALUE	TEST METHOD
1	Appearance	-	White powder	-
2	Chromaticity	-	≥ 40	-
3	Density	g/cm ³	1.94 ± 0.05	ASTM D792
4	Melt mass-flow rate (265°C, 5 kg)	g/10 min	18.0 ± 4.0	ASTM D2116
5	Melting point	°C	120 ± 10	ASTM D3418
6	Tensile strength	MPa	≥ 18	ASTM D638
7	Elongation at break	%	≥ 500	ASTM D638
8	Shore D hardness	-	42 ± 5	ISO 868

Package

Normal package is 25 kg plastic bag or paper drum. Custom packaging is available.

Storage

Store in a clean, cool, and dry place. Avoid direct sunlight, moisture, and dust.