



Technical Datasheet: Laripur 5020

Product Description:

Laripur 5020 is a polyester based Thermoplastic Polyurethane (TPU) used e.g. for the injection molding of technical items.

Applications:

Injection molding of technical items.

Typical data:

PROPERTY	TEST METHOD	UNIT	VALUE
Specific gravity	DIN 53479	gr/cm ³	1.23
Shore hardness	DIN 53505	D	50
Abrasion loss	DIN 53516	mm ³	35
Tensile Modulus			9.0
50%	DIN 53504	N/mm ²	11.3
100%			25.6
300%			
Tensile Strength	DIN 53504	N/mm ²	55.8
Elongation at break	DIN 53504	%	510
Tear Strength	DIN 53515	N/mm	120
Flexural Modulus	ISO 178	N/mm ²	75
Torsion Test			20
+20°C	DIN 53447 "	N/mm ²	190
-20°C			9.5
Roil -20°C/+20°C			
Vicat Softening Poin	ISO 306	°C	105
Compress Sat 70h/23°C 22h/70°C 70h/100°C	DIN 53517	%	24 50

* Typical values not to be construed as specifications.

EEC and FDA food contact approved.