

KP Plastics

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	DIN 53504	N/mm ²	90
			11.3
			25.6
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	DIN 53447 "	N/mm ²	20
			190
°C ₂₀₊			9.5
°C ₂₀₋			
Roil -20°C/+20°C			
Vicat Softening Poin	ISO 306	°C	105
Compress Sat	DIN 53517	%	24.50
70h/23°C 22h/70°C			
70h/100°C			