

Ecopur [TPU]

PROPERTIES	DIN STANDARD	UNIT	ECOPUR [TPU]
color			green
hardness	53505	Shore A	95±2
hardness	53505	Shore D	48±3
density	53479	g/cm ³	1,20
100% modulus	53504	N/mm ²	>12
tensile strength / yield stress	53504 / 53455	N/mm ²	>40
elongation at break	53504 / 53455	%	>430
modulus of elasticity – tensile test	53457	N/mm ²	
compression set 70°C/24h 20% Def.		%	
100°C/24h 20% Def.		%	
100°C / 22h	53517	%	≥30
175°C / 24h	53517	%	≥35
rebound resilience	52512	%	42
tear strength	53515	N/mm	>100
abrasion	53516	mm ³	18
minimum service temperature		°C	-30
maximum service temperature		°C	+110