


ECOPUR DD

Thermoplastic polyurethane elastomer (TPU)

DIN: AU

Property	Unit	Value	Standard
Standard color	–	Dark blue	
Durometer hardness*	Shore A	93	DIN ISO 7619
Durometer hardness*	Shore D	45	DIN ISO 7619
Density	g/cm ³	1,18	DIN EN ISO 1183-1
Tensile strength	MPa	50	DIN 53504
Elongation at break	%	520	DIN 53504
100% modulus	MPa	12,7	DIN 53504
Compression set:			
70 °C / 24 h, 20% compression	%	26	DIN ISO 815
100 °C / 24 h, 20% compression	%	30	DIN ISO 815
Tear strength	N/mm	85	DIN ISO 34-1
Minimum service temperature	°C	–30	–
Brittleness temperature	°C	< –60	–
Maximum service temperature	°C	+100	–
Short term	°C	+120	–

IMPORTANT NOTE: The values shown above are only valid for material samples prepared for test purposes according to the stated standards. These values are typical values and tested on selected samples.

* testing time is 3 s

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PUB SE/P8 16026 EN · March 2020

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