

## COMPOUND DATA SHEET

TPU, 95±2 Shore A

Color: Red

This compound will meet or exceed the specifications listed and has the following physical properties:

ORIGINAL PROPERTIES	SPEC	TYPICAL RESULTS
Hardness, Shore A	ISO 868	95±2
Hardness, Shore D	ISO 868	48±3
Specific Gravity, g/cm <sup>3</sup>	ISO 1183	1.2
Tensile Strength, MPa min.	DIN 53 504	50
Ultimate Elongation, % min	DIN 53 504	350
100% Modulus, MPa min.	DIN 53 504	15
300% Modulus, MPa min.	DIN 53 504	28
Tear Resistance, kN/m min.	ISO 34-1	110
Abrasion, mm <sup>3</sup>	ISO 4649	17
Minimum service temperature, °C	--	-20
Maximum service temperature, °C	--	115

COMPRESSION SET	DIN	TYPICAL RESULTS
24 HR @ 70°C, 25% deflection, % max	ISO 815	27
24 HR @ 100°C, 25% deflection, % max	ISO 815	33

950 3<sup>rd</sup> Street | Oakland, California 94607 | (800) 632-7264

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