

Black TPE

Typical Physical Properties

Specification	Test Method	Typical Results
Hardness	ASTM D2240	81
Density	ASTM D279	1.05 g/cm ³
Tensile Strength <i>Along Grain</i> <i>Across Grain</i>	ASTM D412, Die C	6.0 Mpa 5.6 Mpa
Elongation <i>Along Grain</i> <i>Across Grain</i>	ASTM D412, Die C	240% 226%
Tear Strength <i>Along Grain</i> <i>Across Grain</i>	ASTM D624, Die B	30 kN/m 36 kN/m
Low Temperature	ASTM D2137, Method A -40°C for 3 min.	Pass No Cracks
Heat Aging <i>Tensile Strength Change</i> <i>Elongation Change</i> <i>Hardness Change</i> <i>Tackiness Change</i>	ASTM D573 70 hrs @ 70°C	4% -9% -1 OK, No Cracks
Compression Set	ASTM D395, Method B Except 25% Comp. Plied 22 hrs @ 70°C	42%

Meets the requirements of WSS-M2D492-A1
Meets WSS-M99P9999-A1

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