

Softflex® 8103

TPE

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	41.5	g/10min	ASTM D 1238
Temperature	235	°C	-
Load	1	kg	-
Mold Shrinkage, MD	0.0112	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0102	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	24.48	MPa	ASTM D 790
Modulus at 100% Elongation	0.0295	MPa	ASTM D 412
Modulus at 300% Elongation	0.0429	MPa	ASTM D 412
Shore A Hardness	79	-	ASTM D 2240
Tear Strength	63.7	kN/m	ASTM D 624
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Compression Set , 22 hr @ 73 °F	6	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	74.7	%	ASTM D 395

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America