

Technical specification

NBR Cellular Rubber

Description Used in automotive applications. Skin one side. UL 94 V-0 approved.

Properties	Unit	Value	Test method
Polymer		NBR blend	
Cell structure		Closed-cell	
Density	kg/m ³	40 - 70	ISO 845
Hardness Shore 00		10 - 20	
Compression deflection 25%	kPa	5 - 20	ISO 6916-1
Compression deflection 50%	kPa	35 - 55	ISO 6916-1
Compression set 50%	%	< 25	ISO 1856
Tensile strength	kPa	> 100	ISO 1798
Tear resistance	kN/m	> 0,2	ISO 34-1
Water absorption	%	< 5	ISO 6916-1
Linear shrinkage	%	< -5	ISO 2796
Ozone resistance	-	-	-
Temperature use	°C min	- 20	
	°C max	+ 80	
	°C Intermittent max	+ 105	
Flammability rating		passed	FMVSS 302 / ISO3795
UL 94		V-0	
Colour		Black	
Specification			

This specification is given by our best knowledge and might be submitted to changes.