

## Material Data Sheet

Compound name	Description
<b>7022E</b>	<b>Black EPDM 70 Shore A</b>

Properties	Unit	Typical value	Test Method
Hardness Tensile strength	Shore A Mpa	72	ASTM D2240 ASTM D412 ASTM D412
Elongation at break	%	≥13	ASTM D624
Tear strength	KN/m	≥150 ≥17	
Heat Aging 100°C 168H			
Change in hardness	Shore A	8	ASTM D573
Change in tensile strength	%	-8	ASTM D573
Change in elongation	%	-20	ASTM D573

Fluid Resistance No.3 oil 100°C 72H )

Change in hardness	Shore A	-5	ASTM D471
Change in tensile strength	%	-15	ASTM D471
Change in elongation	%	10	ASTM D471
Change in volume	%	8	ASTM D471
Compression set with 25% compression at 100°C			
			ASTM D395
Low Temperature			
	Pass		ASTM D2137