Talbros
SEALING MATERIALS

TALBROS SPECIFICATION
Rubber Grade TRA-8525

COMPOUND GRADE –TRA-8525	Specification	Typical result*	Test Method
Binder ……	NBR	NBR	
Physical Characteristics			
(1)Hardness, Shore A……	85 +/-5	84	ASTM D-2240
(2)Tensile Strength (Kgf/cm2)…….	80 Min.	85.25	ASTM D - 412
(3)Elongation@ brake (%)……	225, min.	235	ASTM D - 412
(4)Density (gm/cc)	1.40 Min.	1.41	
(5) Oil Resistance Test **in ASTM #3 Oil** at **100 °C** for **70 Hrs.**			D- 471
A) Hardness Change (%)	-20 to +5	-16.25	D-2240
B) Tensile Strength Change (%)	-45 Max.	-32.05	D-412
c) Elongation @ brake Change (%)	-45 Max.	-23.89	D-412
d) Volume Change (%)	+25 Max.	+17.74	D-471
(6) Oil Resistance Test **in ASTM #1 Oil** at **100 °C** for **70 Hrs.**			D- 471
A) Hardness Change (%)	-5 to+10	+1.23	D-2240
B) Tensile Strength Change (%)	-25 Max.	-6.53	D-412
c) Elongation @ brake Change (%)	-45Max.	-20.58	D-412
d) Volume Change (%)	-10 to+15Max.	-4.18	D-471
(7) Heat air Resistance Test **in** at **100°C** for **70 Hrs.**			D- 573
A) Hardness Change (%)	-5 to+12	-1.25	D-2240
B) Tensile Strength Change (%)	-25 Max.	-5.52	D-412
c) Elongation @ brake Change (%)	-45Max.	-39.41	D-412
d) Volume Change (%)	-10 to+15Max.	-2.39	D-573

*The results are based on typical samples tested in our lab. Due to the flexible and highly compressible nature of product, the results may vary at customers end.

SPECIFICATION AND TEST METHODS ACCORDING TO: - ASTM-D STANDARDS.

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Authorized Signatory