

TECHNICAL DATA SHEET

EPDM COMPOUND HARDNESS 20 SHORE A

EPDM compound that has hardness of 20 shore A with good quality properties such as tensile strength, and also good heat resistance and compression set properties and besides, it can good flow in mold. For molding process, this compound can be molded good processability for compression and injection processes.

Application : Hose, Grommet, Tube, Anti-Vibration, Damper, Mounting Rubber, Rubber Pad

Compound properties

Test item	Unit	Test Method	Result
<u>Compound A</u>			
Specific gravity (A)	g/cm ³	ASTM D 297	0.99
Dispersion	-	-	Pass
<u>Compound B</u>			
Specific gravity (Cure)	g/cm ³	ASTM D 297	1.01
<u>Cure rheograph</u>		ASTM D 5289	
ML	lbf.in		1.54
MH	lbf.in		7.74
Ts2	min.sec		2.15
T90	min.sec		3.56
<u>Original properties</u>			
Hardness	Shore A	ASTM D2240A	23
Tensile strength	kgf/cm ²	ASTM D 412	62.02
Elongation at break	%	ASTM D 412	555.7
Modulus 300%	kgf/cm ²	ASTM D 412	18.26
Tear strength	kgf/cm	ASTM D 624	26.96

OFFICE - FACTORY, THAILAND

199/20 Moo 3 Panthong-Banbong Rd., T.Banbong, A.Banbong, Chonburi, 20170

Tel. :+ 66 (3)8 443985-6, 444090, 445751-2, 443-590 , Fax. : + 66 (3)8 443989, 443932

<http://www.csrubber.co.th>



