

TECHNICAL DATA SHEET

EPDM COMPOUND HARDNESS 30 SHORE A

EPDM compound that has hardness of 30 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	1.07
Dispersion	-	-	Pass
<u>Compound B</u>			
Specific gravity (Cure)	g/cm ³	ASTM D 297	1.08
<u>Cure rheograph</u>		ASTM D 5289	
ML	lbf.in		1.87
MH	lbf.in		8.41
Ts2	min.sec		3.26
T90	min.sec		5.15
<u>Original properties</u>			
Hardness	Shore A	ASTM D2240A	31
Tensile strength	kgf/cm ²	ASTM D 412	106.74
Elongation at break	%	ASTM D 412	631.81
Modulus 300%	kgf/cm ²	ASTM D 412	30.24
Tear strength	kgf/cm	ASTM D 624	33.44

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>



