



SPECIFICATION

ETHYLENE PROPYLENE DIENE MONOMER (EPDM)

HS CODE - 40021190 | CAS NO - 9003-55-8

Parameters	Value									
	EPDM 30		EPDM 40		EPDM 50		EPDM 60		EPDM 70	
	DCPD	ENB	DCPD	ENB	DCPD	ENB	DCPD	ENB	DCPD	ENB
Mooney Viscosity, ML 1+4 (100° C)	26-35	26-35	36-45	36-45	46-55	56-65	56-65	56-65	66-75	66-75
Viscosity spread in one lot, max.	8	8	8	8	8	8	8	8	8	8
Unsaturated hydrocarbons mass content, %	group 1		-	3.0-5.0	-	3.0-5.0	-	3.0-5.0	-	3.0-5.0
in terms of DCPD chains	group 2		5.8-7.2	5.1-8.0	5.8-7.2	5.1-8.0	5.8-7.2	5.1-8.0	5.8-7.2	5.1-8.0
in terms of ENB chains	group 3		-	8.1-10.0	-	8.1-10.0	-	8.1-10.0	-	8.1-10.0
Loss of mass at drying, % max	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Ash mass content, % max	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Propylene mass content, %	40-47	40-47	40-47	40-47	40-47	40-47	40-47	40-47	40-47	40-47

Parameters	Value		
	EPDM 6305	EPDM 7505	
Mooney Viscosity, ML 1+4 (125° C)	45-54	55-64	EPDM 6305/7505 is a high mooney, high ethylene content, fast curing EPDM rubber characterized by high green strength and intended for use in areas requiring excellent mechanical properties and good extrusion performance. Typical fields of application include (but are not limited to) production of automotive parts, electrical appliances, cables and waterproofing membranes. EPDM 6305/7505 permits a high level of filler.
Group I	55-64	65-74	
Group II	65-74	75-85	
Group III	75-85	86-95	
Group IV	-	-	
ENB mass content, %	4.3-5.7	4.3-5.7	
Loss of mass at drying, % max	0.7	0.7	
Ash mass content, % max	0.2	0.2	
Propylene chains mass content, %	24-30	38-42	
Vanadium mass content, % max	0.008	0.008	
Stabilizer mass content, % max	0.15	0.15	