

EPDM
(TU 2294-022-05766801-2002)

EPDM is a product of ethylene, propylene and DCPD/ENB copolymerization. It is used for production of rubber-technical articles.

MAIN QUALITY SPECIFICATIONS											
	TEST METHOD	EPDM 30		EPDM 40		EPDM 50		EPDM 60		EPDM 70	
		Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value
Mooney viscosity ML (1+4) at 100°C:	§ 4.3. of TU	DCPD 26 – 35	ENB 26–35	DCPD 36–45	ENB 36 – 45	DCPD 46–55	ENB 46–55	DCPD 56–65	ENB 56–65	DCPD 66-75	ENB 66-75
Viscosity spread in one lot, max.	-	8	8	8	8	8	8	8	8	8	8
Unsaturated hydrocarbons mass content, %:											
in terms of DCPD chains	§ 4.4. of TU	5.8–7.2		5.8–7.2		5.8–7.2		5.8–7.2		5.8-7.2	
in terms of ENB chains											
group 1											
group 2											
group 3		3.0 – 5.0		3.0 – 5.0		3.0–5.0		3.0-5.0		3.0-5.0	
		5.1 – 8.0		5.1 – 8.0		5.1–8.0		5.1-8.0		5.1-8.0	
		8.1–10.0		8.1–10.0		8.1–10.0		8.1-10.0		8.1-10.0	
Loss of mass at drying, %, max.	§ 4.5. of TU	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Ash mass content, %, max.	§ 4.6. of TU	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Propylene mass content, %	§ 4.11. of TU	40 – 47	40 – 47	40 – 47	40 – 47	40–47	40–47	40–47	40–47	40–47	40–47

Supply form	25±1 kg, 30±1 kg and 20±1 kg bales
Packaging	Polyethylene film, paper bags, cardboard, wooden and metal pallet boxes. Talc treatment is possible. As per customer requirements bale packaging in two layers of polyethylene film is possible
Transportation	Product stacked in pallet boxes is transported in railway boxcars and large-capacity containers. Product in paper bags is transported without piling
Storage	At ambient temperature indoors, away from heat and fire sources, direct sunrays and atmospheric precipitation. Premises temperature should not exceed 30 °C. Storage location should have lighting and blast-proof ventilation.