

Sevilen (ethylene and vinyl acetate copolymer) EVA

A table of main quality parameters of sevilen grades TU 6-05-1636-97

Parameter	Sevilen grades							
	11104-030	11306-075	11507-070	11708-210	11808-340	12206-007	12306-020	12508-150
Density, g/cm ²	0.925 ± 0.003	0.933 ± 0.003	0.945 ± 0.005	0.950 ± 0.005	0.950 ± 0.005	0.94 ± 0.005	0.94 0.005	0.950 ± 0.005
Melt flow index, g/10 min., within:								
at t = 125oC	-	-	4,5-10	15.0-27.0	27.0-40.0	-	-	-
at t = 190oC	1.0-5.0	5.0-10.0	-	-	-	0.5-1.0	1.0-3.0	12.0-18.0
Spread of melt flow index within a batch, %	± 15	± 15	±15	±15	±15	± 15	± 15	±15
Vinyl acetate w/w %, within	5-7	10-14	21-24	26-30	26-30	15-20	15-20	26-30
Impurities, pcs., max	15	15	15	15	15	15	15	15
Breaking strength, MPa (kgf/cm ²), min	11.3 (115)	9.8 (100)	4.9 (50)	not specified	not specified	14.0 (143)	12.5 (128)	7.5 (77)
Breaking elongation, %, min	600	600	650	not specified	not specified	600	600	600
Thermal oxidation aging resistance, h, min								
For compositions 02, 03, 06	8	8	6	6	6	6	6	6
For compositions 05, 07	6	6	not specified	not specified	not specified	not specified	not specified	not specified
Processing method	Extrusion, moulding, compounding	Extrusion, moulding, compounding	Moulding, compounding	Compaunding	Compaunding	Extrusion, moulding	Extrusion, moulding	Extrusion, moulding