

● PE Compositions for Cable Industry

153-02 K, 153-10 K Grade

GOST 16336-77, rev. 1, 2

Production method: compositions are produced on basis of high pressure polyethylene (low density) and low pressure (high density) with stabilizers and other additives.

Application: compositions are used for lapping, cable sheaths and serving by extrusion method.

No.	Parameter	Standard			
		153-02 K		153-10 K	
		Superior quality	First quality	Superior quality	First quality
1	Density, g/cm ³	0,9185-0,922	0,9185-0,922	Не нормируют	
2	Melt Flow Index, g/10 min	0,21-0,39	0,21-0,39	0,21-0,39	0,21-0,39
3	MFI spread within one batch, %, maximum	±8	±12	±8	±12
4	Number of impurities, pcs., maximum	3	15	n/a	
5	Volatile weight content, %, maximum	n/a		0,07	0,10
6	Ash weight content, %, maximum	n/a		n/a	
7	Cracking resistance, hr, min	500		500	
8	Tensile yield strength, MPa (kgf/cm ²), minimum	9,8 (100)		9,8 (100)	
9	Tear strength, MPa (kgf/cm ²), minimum	13,7 (140)		13,7 (140)	
10	Elongation at break, %, minimum	600		600	
11	Extractable substance weight content, % maximum	0,5	0,6	0,5	0,6

Packaging, handling and storage are in PE and PP bags that provide product preservation and maintain its quality as per documents approved under the appropriate procedure. Transportation by all modes of roofed transport in accordance with the rules of carriage valid for this mode of transport.



PE Composition for Cable Industry of 153-10 K Grade is a winner of "The 100 Best Russian Products of 2009" and "The Best Products of the Republic of Tatarstan of 2009" Contests