

POLYETHYLENE 158-14

CAS #: 9002-88-4

PRODUCT TRADE NAME: POLYETHYLENE GRADE 158-14

INDUSTRY STANDARD: GOST 16337-77

USE OF THE CHEMICAL: FOR THE PRODUCTION OF POLYMERIC GOODS

SUPPLIER DETAILS: WESPECH PTE. LTD., 8 EU TONG SEN STREET, #14-94, THE CENTRAL, SINGAPORE (059818)

MANUFACTURER DETAILS: UFAORGSINTEZ, UFA, RUSSIA 450037 OR ANGARSK POLYMER PLANT, PERVYJ PROMYSHLENNYJ MASSIV 8/5, ANGARSK, IRKUTSKAJA OBLAST, RUSSIA 665800

HANDLING, STORAGE, TRANSPORT AND SAFETY: AS INDICATED IN THE SAFETY DATA SHEET

PHYSICAL AND CHEMICAL PROPERTIES:

##	PARAMETER	NORMAL VALUE		
		PREMIUM GRADE	GRADE 1	GRADE 2
1	MELT FLOW INDEX, GRAM/10 MIN	1,5-2,5	1,5-2,5	1,5-2,5
2	MELT FLOW INDEX DISPERSION IN THE LOT, %	≤ ±6	≤ ±12	≤ ±15
3	TENSILE YIELD, PASCAL (KGF/CM ²)	≥ 93*10 ⁵ (95)	≥ 93*10 ⁵ (95)	≥ 93*10 ⁵ (95)
4	TEAR RESISTANCE, PASCAL (KGF/CM ²)	≥ 102*10 ⁵ (105)	≥ 102*10 ⁵ (105)	≥ 102*10 ⁵ (105)
5	BREAKING EXTENSION, %	≥ 510	≥ 510	≥ 510
6	VOLATILE SUBSTANCES W/W%	≤ 0,1	≤ 0,1	≤ 0,1
7	PHOTOOXIDATIVE AGING RESISTANCE, H	≥ 500	≥ 500	≥ 500