

# BIMODAL HDPE COMPOSITION

PE2NT11-285D

TU 2243-175-00203335-2007, rev.1-3

MAIN QUALITY SPECIFICATIONS			
No	Parameter	Unit	Standart
1	Density	kg/m <sup>3</sup>	947 - 950
	at 23°C		
	at 20°C		949 - 952
2	Melt Flow Index at 190°C and 21,6 kgf	g/10 min	5 - 9
3	Melt Flow Index (MFI 21,6) spread within one batch	%, max	+/-10
4	Tensile yield strenght	MPa, min	20
5	Elongation at break	%, min	600
6	Volatile weight content	mg/kg max	350
7	Thermal stability at 200°C	min	20
8	Stability at constant internal pressure at 80°C, with initial wall stress 4.0 MPa, (on pipe samples d110 SDR 11)	hr, min	165
9	Stability at constant internal pressure at 80°C, with initial wall stress 2.8 MPa, (on pipe samples d110 SDR 11)	hr, min	1000
10	Stability at constant internal pressure at 20°C on pipe samples d32 SDR 11	hr, min	100
	with initial wall stress 12.4 MPa		
	with initial wall stress 11.6 Mpa		2500