



SC «Turkmengas»

High-Density Polyethylene Specification (granulated)

TDS(State Turkmenistan Standart Service)-1097-2018

Mark - B50-35H-111

<b>Melt flow rate, (2.16 kg) g/10min</b>	0,3-0,4
<b>Density kg/m<sup>3</sup></b>	948-952
<b>Tensile yield strength, at 2 inch/min, Mpa</b>	21
<b>Tensile elongation at yield, %</b>	500
<b>Flexural modulus (1% secant), at 1.4 mm/min, Mpa</b>	900
<b>Heat resisitance on Vicka , °C</b>	120
<b>Bell Telephone thermal testing on the breakdown voltage , resistance to cracking when the voltage, at 50 °C</b>	30 h