

## **Product Name: 7700M**

Grade: Extrusion

Characteristics and Uses: Excellent environmental stress cracking resistance,  
mechanical strength and hot creep resistance  
Large diameter irrigation pipes (PE-100)

### Typical physical properties

Properties	Method	Unit	Value
Melt flow rate(MFR <sub>5</sub> )	ISO 1133	g/10 min.	0.27
Density	ISO 1183	kg/m <sup>3</sup>	949
Tensile stress at yield	ASTM D 638	Kg/cm <sup>2</sup>	-
Tensile strength at break	ASTM D 638	Kg/cm <sup>2</sup>	380
Elongation at break	ASTM D 638	%	>500
Stress cracking resistance(80°C)	ASTM D 1693	hr	>1000
Melting temperature	ASTM D3418	°C	132
Izod Notched(23°C)	ASTM D256	Kg.cm/cm	35