MEDIUM DENSITY POLYETHYLENE EMULSION TUBE

Description:
Medium Density Polyethylene is engineered to strike a balance between the flexibility of low density polyethylene and the rigidity of high density polyethylene. It is known for excellent durability, stress cracking resistance and moderate tensile strength. The major advantages of polyethylenes are light weight, excellent chemical resistance, low moisture absorption, good impact strength, excellent low temperature properties, superb dielectric properties and low coefficient of friction. Polyethylenes can be readily welded with hot air. However, since oxygen has a tendency to degrade these materials at high temperatures, inert gas such as nitrogen should be used to weld this material

Density:	0.936 g/cm³
Melting Index:	0.30 g/10 min
Bend Radius:	10.5 “
Working Pressure at 73 F:	375 psi
Tensile Strength at Break:	7500 psi
Elongation at Break:	300 %
Material:	Medium density polyethylene resin

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