

HD4440EA

HD4440EA is high density polyethylene copolymer containing butene-1(C4) as comonomer.

It is suitable as based resin for crosslinked polyethylene pipes.

HD4440EA has the following characteristics:

Good Impact Strength,Excellent Surface Finish.

Application:

Non Pressurized Pipe with Silane Technology

| PROPERTY | UNIT | TEST METHOD | TYPICAL VALUE |
|------------------------------|---------|-------------|---------------|
| MELT FLOW INDEX(2.16KG) | g/10min | ASTM D-1238 | 4 |
| DENSITY | gr/cm3 | ASTM D-1505 | 0.944 |
| TENSILE STRESS AT YEILD | MPA | ASTM D-638 | 18 |
| TENSILE STRESS AT BREAK | MPA | ASTM D-639 | 23 |
| ELONGATION AT BREAK | % | ASTM D-638 | 800 |
| TENSILE MODULUS@23°C,1MM/MIN | MPA | ASTM D-1693 | 900 |
| WHITENESS INDEX | - | BP133 | 60 |
| YELLOW INDEX | - | BP133 | -1 |

*: All above mentioned data are typical values and not to be construed as real specifications.Users should confirm results by their own tests.For taking more information about guaranteed items, please refer to S.S.S.(standard sales specifications)

Grade Suffix(Additive Indication):

EA:GENERAL ANTIOXIDANT

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