



HD-EX 7C

License Grade Code HF4750 K

Product Description:

"EX7C" is a high density polyethylene with 1-Butene as co monomer.

Applications:

- Wire & Cable insulation



Typical data

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mass density (23 C)	ISO 1183	g/cm ³	0.946
Melt Flow Rate (190 C/5.0kg)	ISO 1133	g/10min	3.5
Melt Flow Rate (190 C/21.16 kg)	ISO 1133	g/10min	63
FRR(21.6/5)		-	18
Stress at Yield	ISO 527	Mpa	24
Stress at Break	ISO 527	Mpa	32
Elongation at Yield	ISO 527	%	8
Softening Temperature	ISO 306	C	77
Brittle Temperature	ASTM D746-72	C	<-80
shore D hardness	ISO 868		58
Impact strength (23 C)	ISO 179/1eA	Kj/m ²	10
VN	-	Cm ³ /g	200

- Typical Values: not to be construed as specifications
- Recommended melt temp: 180-220 c