CX3299995 | 100T135PP200R0PE COEX



ConQuest® Empty Conduit, 1 in, SDR 13.5, terracotta, with pull rope

Product Classification	
Product Type	Empty conduit
Product Brand	ConQuest®
General Specifications	
Color	Terracotta
Conduit Type	Non-toneable
Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm³ 0.035 lb/in³
Density, minimum	0.941 g/cm³ 0.034 lb/in³
Design Standard	ASTM D3350-05
Wall Type	Smooth
Dimensions	
Length	914.4 m 3000 ft
Inner Diameter, nominal	27.965 mm 1.101 in
Outer Diameter, nominal	33.401 mm 1.315 in
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	2.464 mm 0.097 in
Nominal Size	1 in
Material Specifications	
Flexural Modulus, minimum	551.581 N/mm² 80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837
Material Type	High density polyethylene (HDPE) Polypropylene
Melt Flow Rate Test Method	ASTM D1238

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Melt Flow Rate, maximum	0.39 g/10 min
Mechanical Specifications	
Minimum Bend Radius, unsupported	355.6 mm 14 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm² 3000 psi
Breaking Strength	90.718 kg 200 lb
Pull Line Type	Rope
Pulling Tension, maximum	358.338 kg 790 lb

Environmental Specifications

Environmental Stress Crack Resistance	Failure rate of 10% within 96 hours
Environmental Stress Test Method	ASTM D1693, ESCR Condition B

Packaging and Weights

Weight, net

251.5 kg/km | 169 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Environmental Stress Crack Resistance ESCR-Environmental Stress Crack Resistence

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