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SHAZAND PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE PCF55

ARM PCF 55 is recommended as a top coat for a three-layer PE system used in. ARM PCF 55 is a high molecular weight & high-density polyethylene polymer and is colored black. ARM PCF 55 contains finely dispersed carbon black that helps to impact excellent weathering properties.

Producer	Characteristic Properties	Applications
SHAZAND	impact excellent weathering properties	ARM PCF 55 is recommended as a top coat for a three layer PE system used in.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
MFR@190°C. 5 kg	g/10min	1.13	ASTM D 1238
MFR@190°C. 21.6 kg	g/10min	22.8	ASTM D 1238
FRR (21.6/5.0)	-	20.2	-
Density @ 23°C	gr/cm^3	0.959	ISO1183-1
Bulk Density	gr/cm^3	0.619	ASTM D 1895
Impact Strength (Charpy Index@23°C)	mj/mm^2	12.7	ISO 179/1eA
Carbon Black Content	%	2.3	ASTM D 4218
Carbon Black Dispersion	Rating	Max 3	BS-2782
Volatiles	ppm	459	Hoechst Method
Vicat Softening Temperature (B50)	°C	123	ASTM D 1525
O.I.T	Min	67	ASTM D 3895
Melting Point (DSC)	°C	130	1S0 11357-3
Shore Hardness, (Shore D.3 Sec)	-	63.5	ASTM D 2240
Elongation Break	%	691	ASTM D638
Tensile Strength Yield	Mpa	21.4	ASTM D638
ESCR	hr	N.A	ASTM D 1693
UV Resistance & Thermal Aging	%	N.A	ISO 21809_1

تلفن - نمابر ۲۱ ۷۱۷۶۲ -
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