

# ROTO BLACK

## ROTOMOULDING POWDER

MELT FLOW : 3,5 DENSITY : 0,939

**Roto Black:** Is a high performance hexene copolymer in powder form. It is UV stabilized for harsh environmental conditions.

### Characteristics

- High Rigidity
- Excellent Impact Strength
- Excellent Chemical Resistance
- Good ESCR
- Good UV Stabilization (Up to 4–5 Years)

### Applications

- Large Agricultural Tanks
- Sewerage Systems
- Outdoor Applications

<i>Properties</i>	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
MFI (190°C / 2.16 Kg)	3,5	g/10 min	ASTM D 1238
Density	0,939	g/cm <sup>3</sup>	ASTM D 1505
Tensile Strength at Yield	19	Mpa	ASTM D 638
Tensile Strength at Break	24	Mpa	ASTM D 638
Elongation at Break	830	%	ASTM D 638
Flexural Modulus	837	Mpa	ASTM D 790
ESCR (F 50)	>500	Hrs	ASTM D 1693
Impact Energy at - 40°C	30	J/mm	ASTM D 3029
Vicate Softening Point	119	°C	ASTM D 1525
Heat Distortion Point	72	°C	ASTM D 648
Average Particle Size	400	Micron	ASTM D 1921
Bulk Density	340	Kg/m <sup>3</sup>	ASTM D 1895

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## CHAMDOR

**Office:** + 27 (0) 11 025 7125

**Mobile:** + 27 (0) 83 576 7745

**Email:** infodata@xpico.co.za

