

Microtuff® 6250 UV

Microtuff® 6250 UV is a hexene copolymer, linear low density polyethylene powder which has been tailored for rotational moulding. It contains stabilisers and pigments specifically designed to cope with the demanding processing conditions experienced in rotational moulding.

Microtuff® 6250 UV combines good flow properties with excellent impact strength and ESCR. It is fully UV stabilised for use in outdoor applications.

Microtuff® 6250 UV is ideally suited for a wide range of general moulding applications, including recreational and agricultural equipment, playground equipment and toys and carts.

Microtuff® 6250 UV in natural and water tank colours meets the requirements of AS 2070 for food contact and AS/NZS 4020 for potable water applications. End use, volume and food type restrictions may apply. All pigments used in tank colours are free of heavy metals. For Food and potable water status on other colours please contact your Price Plastics representative.

Physical Properties ¹			
Property	Test method	Value ²	Unit
Melt Flow Index _{190,2.16}	ASTM D 1238	6.0	g / 10 min
Density	ASTM D 1505	0.936	g / cm ³
ESCR (100% Igepal, F ₅₀)	ASTM D 1693	> 1000	hrs
Tensile Strength @ Yield ³	ASTM D 638	17	MPa
Flexural Modulus (2% secant)	ASTM D790	620	MPa
Impact strength @ -40°C	ARM method		
	3.2 mm	102	J
	6.35 mm	237	J

¹ Base resin properties as stated by the raw material manufacturer for virgin material

² typical values only – not to be construed as specifications

³ At 50.8 mm/min crosshead speed

This information is offered for your consideration and verification and should not be construed as a warranty or representation. Price Plastics Pty Ltd assumes no legal liability, except to the extent that such liability is imposed by legislation and cannot be excluded. The values are the results of testing on representative samples- the product supplied may not conform in all respects. The tests are based on natural resin, the addition of pigments and/or additives to the base resin may effect some properties.

When using this product you must establish for yourself the suitability of the product and the best production method and tests to ensure the uniformity and quality of your product in compliance with the law.

A Material Safety Data Sheet is available for this product.