



# ROTATIONAL MOULDING POWDERS

Prisma Colour manufacture a range of rotational moulding powders at a dedicated facility located in Stalybridge. These products are ground to the highest industry standards and are available in a variety of melt flows and density specifications.

## GENERAL PURPOSE GRADES

Used in numerous product types, this is one of the most commonly used rotational moulding powder grades. Suitable for indoor and outdoor use as they include a UV stabiliser package.

Density	MFI	Example Applications	Colours
935 Kg/m <sup>3</sup>	5	Litter bins, flower pots and grit bins	Natural, black, custom colours and special effects
935 Kg/m <sup>3</sup>	7		
940Kg/m <sup>3</sup>	9		

## WRAS APPROVED GRADES

These grades have undergone external testing and WRAS certification can be provided.

Density	MFI	Example Applications	Colours
935 Kg/m <sup>3</sup>	5	Water Contact Applications	Black
935 Kg/m <sup>3</sup>	7.5		Black
940 Kg/m <sup>3</sup>	9		Black

## FLAME RETARDANT GRADES

Our flame retardant materials are compliant to UL94. Typical applications are litter bins and lids and any indoor product that requires flame retardancy. Available as halogenated and non-halogenated products.

Density	MFI	Example Applications	Colours
935 Kg/m <sup>3</sup>	5	Tanks, Bins – Products required to have flame retardancy	Natural, black and custom colours

We have a lab scale grinding mill and rotational moulding machine so we can quickly send small samples for you to evaluate and colour plaques that have been matched and tested on our rotational moulding pilot plant. With help from our colour masterbatch division we can match any colour you require with short lead times.



Call Prisma Colour to discuss your specific product requirements on +44 (0) 1457 856 505

## STANDARD COLOURS



Prisma Colour has a standard range of rotational moulding colour powders which are readily available with short lead times. Here is a representation of our standard range of coloured rotational moulding powders. If you would like to be sent a physical example of any of the colours in the form of a rotationally moulded plaque or a powder sample please contact our sales team.



\*Colours are general indications. For actual colour samples please contact our sales team



All of our standard rotational moulding powders have been manufactured using high quality pigments with the best light fastness and weathering properties available and they contain appropriate additive packages so you can have peace of mind when using them in outdoor applications. We have two Q-SUN XE1 Xenon Arc accelerated weathering test chambers and have tested our products to ISO 4892-2:2013 so we know that your product will not fade when used outdoors. These standard colours are also available in alternative MFIs on request. If the highest level of performance is not required we also offer dye packs which can be blended with your natural polymer to colour your product at a reduced cost. These dye packs are available in any colour and can be colour matched on request.

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