

# Circulum X-grades : Coloured rev 3



BewiSynbra Raw has developed a range of special EPS which combines excellent insulation properties with strong bright colours. Conventional colouring techniques often yield pastel colours. Circulum X- coloured.grades are particularly suited as a base material for moulding housings for appliances, fish boxes and horticultural packaging.

Gradenames : : **X-xyy R or F Color (x=colorstrenght 1-5, yy beadsize in mm)**

**Actual Colors: Black, Bleu , Grey, Orange**

Bulk Density	ISO 1183	g/cm3	0,66
Pentane Content		%	Typical 4,5-5,5 %
Moisture absorption		%	< 0,1%
Size range 90% between	Sieving	mm	x12 1.0-1.4 mm x11 0.9-1.4 mm x10 0.8-1.2 mm x09 0.7-1.1 mm x08 0.6-1.0 mm

Extensive test have shown that unlike with conventional technology X-coloured , has identical properties to traditional EPS, with regard to compressive strength, bending strength and thermal insulation values.

X-F grade

Flame Retardant grades can be made, depending on which on the Flame Retardant tests which should de passed.

Circulum X-coloured has very good dimensional stability and combines high strength with high stiffness.

Circulum X-coloured is best used in wall thicknesses of 5 mm and higher.

Circulum X-coloured has excellent cushioning properties, allowing valuable parts to be protected whilst displaying the company house colour

On request a grade can be supplied in a colour of choice, other than those shown above.

**N.B.** Information contained in this data-sheet is given in good faith and to the best of the knowledge and belief of Bewi Synbra Raw (The Company) is accurate. The properties of plastics set out herein are typical values and do not constitute a specification. It is at all times the responsibility of the customer to ensure that materials supplied by the Company are suitable for the purpose for which they are intended. The Company accepts no liability whatsoever arising out of the use of the information herein contained or the use, application, adaptation or processing of the products herein described.