kestrel THERMOPLASTICS LTD

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TECHNICAL SPECIFICATION

GENERAL DESCRIPTION

Hot applied thermoplastic road marking material, manufactured to BS EN 1871:2000, suitable for screed, extrusion, spray, and profile application (depending upon grade). Intended for use as horizontal road, airfield and car park markings.

Aggregate
Light coloured silica sand, calcium carbonate, calcite, quartz or calcined flint.

Pigment
White grades – High quality titanium dioxide.
Yellow grades – Lead Chromate (not exceeding 2.5% by mass of total mixture)

Binder
Plasticized synthetic resin.

Extender
Calcium carbonate of at least 95% purity.

Glass Beads
Complying with Class A of BS 6088 or BS EN 1424 :1998 (which will replace BS 6088 when it is finally withdrawn in 2003)

PROPERTIES

Each product supplied by Kestrel Thermoplastics Ltd. has been classified according to the following groups as specified in BS EN 1871.

Luminance factor
Table 1

Colour	Class	Luminance Factor (β)
White	**LF 3**	≥ 0.65
	LF 4	≥ 0.70
	LF 6	≥ 0.80
Yellow	**LF 1**	≥ 40
	LF 2	≥ 50

Softening Point Categories

Class	Softening Point (°C)
SP 0	No requirement
SP 1	≥ 65
SP 2	≥ 80
SP 3	≥ 95
SP 4	≥ 110

Table 2: Chromaticity (Colour) Co-ordinates

Corner Point No.		1	2	3	4
White	X	0.355	0.305	0.285	0.335
	Y	0.355	0.305	0.325	0.375
Yellow	X	0.494	0.545	0.465	0.427
	Y	0.427	0.455	0.535	0.483

N.B. All samples for testing must be taken in accordance with DD ENV 13459 -1:1999.

While every care is taken to ensure the accuracy of the material contained in this specification no liability can be assumed for the information given.