The Shepherd Color Company
We Brighten Lives

TECHNICAL DATA SHEET

BLACK 10G996

C.I. Pigment Brown 29
CAS # 12737-27-8*

DESCRIPTION: **An IR reflective jet black pigment for use in coatings and plastics applications. It is highly resistant to acid, base, UV and chemical attack. It has low soluble iron for stability in PVC based materials. The product is optimized for a deep masstone, good tint strength and high TSR (Total Solar Reflectance) and low HBU (Heat Build-up) to meet performance and regulatory requirements. Suitable for siding, extrusions, building panels, roofing, fibers and plastics applications in general. It is compatible with a wide range of plastics, polymers paints and coatings**.

COMPOSITION: **Chromium and Iron**

Physical/Chemical Property	Typical Value	Units	Test Method+
Specific Gravity	5.4	n/a	SCTM 312
Loose Packing Density	5.8 0.7	lbs./gal kg/L	SCTM 194
Surface Area (BET)	2.9	m^2/g	SCTM 153
Percent Moisture	0.2	wt. %	SCTM 248
Mean Particle Size	1.2	microns	SCTM 348
Conductivity	174	µS/cm	SCTM 142
Oil Absorption	9	parts oil/100 parts pigment	SCTM134
pH	8.5	n/a	SCTM 101
Residue 325 Mesh	0.01	wt. %	SCTM 135
Heat Stability	1,500 800	°F °C	Observed

+SCTM refers to Shepherd Color Testing Method

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