

# TECHNICAL DATA SHEET

## PRO GRP - RESIN

Issue 2 – March 2015

**Description:**

Cromar PRO GRP Resin is a pre-promoted, thixotropic, medium reactive polyester resin designed specifically for **Roofing Applications** and formulated to give extremely low styrene emission.

**Benefits:**

- Very low styrene emission.
- Low viscosity allowing rapid and efficient fibre wet-out.
- Long pot life combined with rapid cure.
- Superior mechanical properties

**Application:**

For full application instructions please download the **PRO GRP Installation Guide** from our website: -

<http://www.cromarbuildingproducts.com/>

**Typical Properties:**

**Physical Data in Liquid State at 25°C:**

Test	Units of Measure	Nominal
Viscosity; Brookfield LV3 @ 60 rpm	cps	450
Thixotropic Index; 6/60	-	3.25
Styrene Content	%	41
Gel Time; 100g 1.25% catalyst	minutes	14
Peak Exotherm	°C	110

**Mechanical Data in the Cured State:**

Test	Units of Measure	Nominal	Test Method
Tensile Strength	MPa	79	ISO 527-1
Tensile Modulus	GPa	4.1	ISO 527-1
Tensile Elongation	%	2.5	ISO 527-1
Flexural Strength	MPa	105	ISO 178
Flexural Modulus	GPa	4.2	ISO 178
Heat Distortion Temperature	°C	74	ISO 75-A

**Storage:**

Resins are stable for six months from date of production when stored in the original containers away from sunlight at no more than 21°C. After extended storage, some drift may occur in gel time.

During the hot summer months, no more than two months stability at 86°F/30°C should be anticipated.

**Health & Safety:**

Please refer to the Material Safety Data Sheet on Cromar PRO GRP Resin.

Always read and understand the Material Safety Data Sheet before working with this product.

**Further Information:**

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com) or telephone our Technical Line on 0844 8588186:

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