

Dalchem – Modelcast

Product Characteristics: Modelcast is a two-component rigid urethane casting compound. It cures to Shore 70D and is tan in colour.

Benefits: Modelcast is rapid setting and demonstrates more flexibility than other similar materials. Modelcast is compatible with a wide range of fillers and can reproduce intricate detail as a result of its low viscosity. The system is easy to process with 1:1 mix ratio and has a low setting exotherm temperature of only 77° C. Modelcast can be demoulded in 10 minutes which allows fast production of parts.

Applications: Archetctural Models, Model Kits, Collectibles, Masters & Prototypes, Mirror, Picture & Ornamental Mouldings.

Colour:	Tan
Specific Gravity:	1.03 gm/cc
Hardness:	70 Shore D
Pot Life:	3 min
Demould Time:	30-60 min
Application:	Optimum @ 25°c
Tensile Strength:	2389 (psi)
Elongation:	12.5%
Mix Ratio:	1:1 by wgt/vol
Shelf Life:	6 months from Date of Manufacture

