



MITSUBISHI RAYON CO., LTD.

Specialty Chemicals Department A

DIANAL BR-116

Solid Acrylic Resin for Coatings

1. Introduction

DIANAL BR-116 is a thermoplastic acrylic resin specially designed for inks and paints. BR-116 is a higher acid value version of BR-106 for better pigment dispersibility. It is suitable for gravure inks, concrete coatings, aerosols, plastic coatings, marine paintings and traffic paintings.

2. Typical Resins Properties of BR-116

Appearance		white, non-dusting beads	
Nonvolatiles(%)		more than 98.5	
Solid Acid Value (mgKOH/g)		7.0	
Properties of solution (Conc:40% in Toluene)	Transparency		Clear
	Color(Gardner)		less than 2
	Viscosity	mPas · s	300~370
		Gardner	L~O
Typical Properties	Molecular Weight(MW)		45,000
	Tg(calc. °C)		50

※Typical Resin Properties mentioned above are for reference only and should not be regarded as specifications.