

TECHNICAL DATA SHEET

RIGID FOAM P-2520/80

RIGID FOAM P-2520/80 polyol is designed for the production of polyurethane rigid foams for manufacture of wood imitation. The polyol blend containing polyols, catalyst, surfactant. Resulting foams are combustion modified to be classified as B2 according to DIN 4102 norm.

SYSTEM PROPERTIES

POLYOL : RIGID FOAM P-2520/80
ISOCYANATE : Diphenylmethane Diisocyanate , PMDI 6136

TYPICAL COMPONENT PROPERTIES

	Units	Polyol	Isocyanate	Methods
Specific gravity (21 °C)	g/cm ³	1,12	1,23	DIN 51 757
Viscosity (21 °C)	MPa.s	900	210	ASTM D4878-98
NCO content	%	-	30,8	ASTM 5155-01
OH value	mg KOH/g	310	-	ASTM D 4274-99
Storage	month	6	6	

TYPICAL REACTION CHARACTERISTICS

	Units	Value
Mixing ratio (poly/iso)	Part by weight	100:115
Cream time	sec	28
Gel time	sec	90
Rise time	sec	140
Free rise density	kg/m ³	80-90

RECOMENDED PROCESS CONDITIONS

	Units	Value
Temperature of Polyol	°C	20-22
Temperature of Isocyanate	°C	20-22