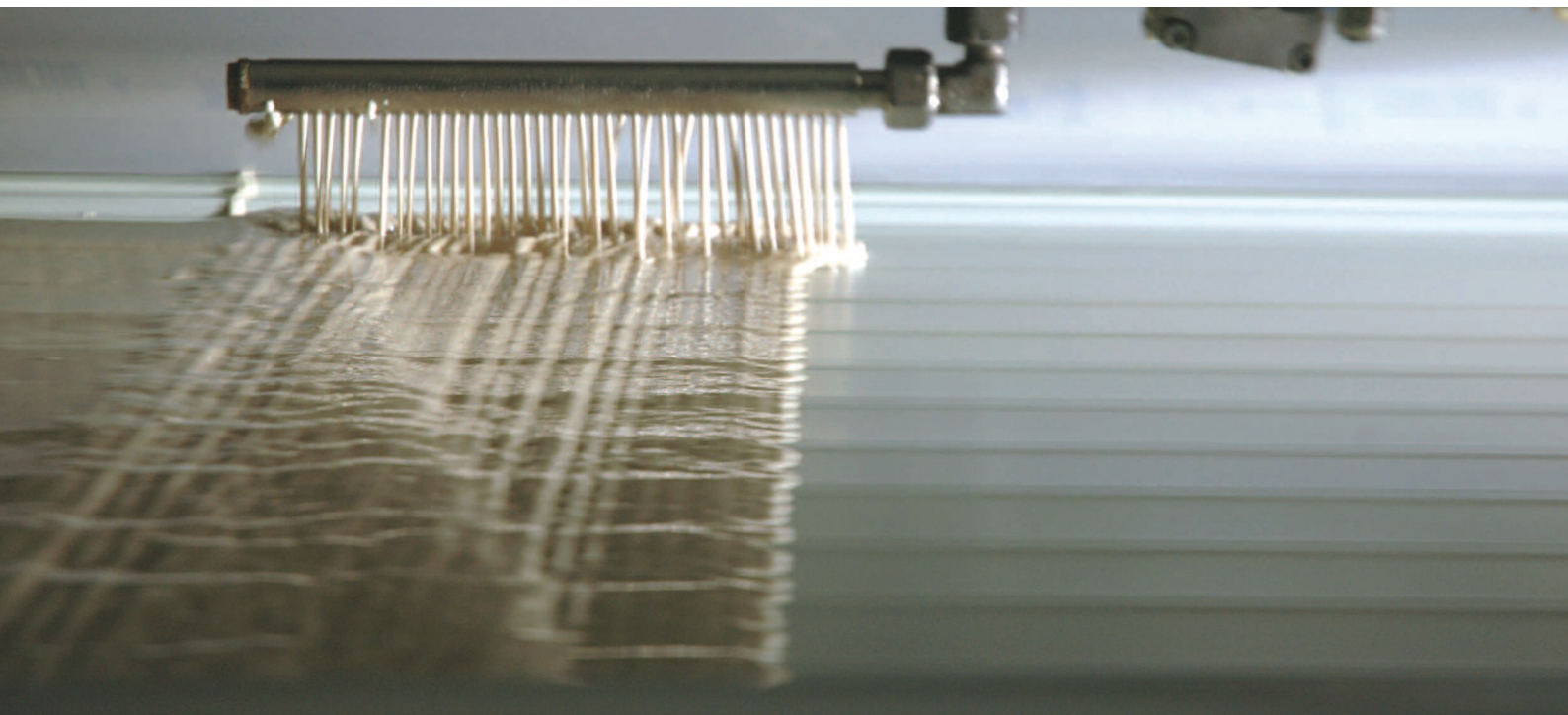


## Polyurethanes

Grade range for rigid polyurethane  
foam applications



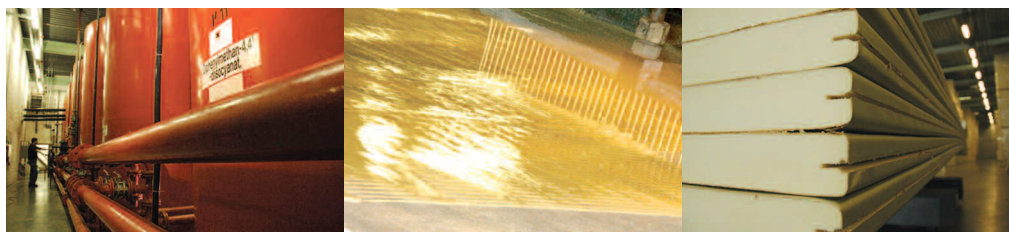
# Grade range for rigid polyurethane foam applications

## Rigid base polyol grade range



Daltolac base polyols	Typical properties			
	Hydroxyl value (mg KOH/g)	Viscosity (mPa.s @ 25°C)	Specific gravity @ 25°C	Functionality
<b>Glycerol-based polyols</b>				
Daltolac® R 251	250	255	1.02	3.0
Daltolac® R 391	390	400	1.02	3.0
Daltolac® R 540	540	670	1.07	3.0
Daltolac® R 570	570	670	1.07	3.0
Daltolac® R 630	630	775	1.08	3.0
<b>Sorbitol-based polyols</b>				
Daltolac® R 019	345	4000	1.07	>5.0
Daltolac® R 200	375	2300	1.06	4.5 - 5.0
Daltolac® R 130	475	13000	1.09	>5.0
Daltolac® R 475	475	15000	1.09	>5.0
Daltolac® R 492	490	7000	1.09	4.5 - 5.0
Daltolac® R 500	500	3300	1.08	4.0 - 4.5
Daltolac® R 501	500	6000	1.09	4.0 - 4.5
Daltolac® R 520	520	5300	1.09	4.0 - 4.5
<b>Sorbitol/glycerol-based polyols</b>				
Daltolac® R 401	400	680	1.05	3.5 - 4.0
Daltolac® R 440	440	1650	1.07	3.5 - 4.0
Daltolac® R 467	465	4850	1.09	3.5 - 4.0
Daltolac® R 471	471	2850	1.07	4.0 - 4.5
Daltolac® R 491	491	3650	1.07	4.0 - 4.5
<b>Amine-based polyols</b>				
Daltolac® R 452	450	4100	1.08	4.5 - 5.0
Daltolac® R 532	530	4800	1.09	4.0 - 4.5
Daltolac® R 535	535	3100	1.09	4.0 - 4.5
<b>Sucrose-based polyols</b>				
Daltolac® R 180	440	5500	1.11	4.0 - 4.5
Daltolac® R 260	310	1450	1.10	4.0 - 4.5
<b>Sucrose/amine-based polyols</b>				
Daltolac® R 170	495	6300	1.10	4.0 - 4.5
Daltolac® R 585	585	4500	1.09	4.0 - 4.5

Please check product availability with your local Huntsman representative. This product list is not exhaustive.



## Isocyanate grade range

Polymeric MDI	Typical properties				
	NCO content (%w/w)	Viscosity (mPa.s @ 25°C)	Specific gravity @ 25°C	Average functionality (eq/mole)	Appearance
<b>Standard functionality</b>					
Suprasec® 5005	30.0 - 31.5	170 - 270	1.23	2.7	Medium brown
Suprasec® 5025	30.5 - 31.5	180 - 240	1.23	2.7	Light brown
<b>High functionality</b>					
Suprasec® 2085	29.7 - 31.3	450 - 800	1.24	2.85	Medium brown

Please check product availability with your local Huntsman representative. This product list is not exhaustive.



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