

## NIDAFLOW R

LAMINAR TRANSFER MEDIA



LOW NIDAFLOW COMPRESSION, EASY TO DISPLACE REINFORCEMENT INSIDE THE MOLD
HIGH NIDAFLOW COMPRESSION, INCREASE DIFICULTY FOR RESIN FLOW
% OF GLASS FIBER & RECOMMENDED MOLD CAVITY SEGMENT
<p>Example: P300C300 has a 19% glass content in a 2,5mm part and a P300D300 has a 20%, but the P300C300 will flow better &amp; the P300D300 will have better mechanical performance.</p>

### NIDAFLOW APPLICATION FOR DIFERENT PART THICKNESS

MOLD CAV-ITY (mm)	P300C300	P300D300	P450C450	P450D450	P600C600	P600D600
1.5						
2.0	24					
2.5	19	20	27			
3.0	17	17	23	24	30	
3.5	14	15	20	21	26	26
4.0	13	13	18	18	23	23
4.5		12	16	17	20	21
5.0				15	19	19
5.5						18
6.0						

CONDITIONS: unfilled polyester resin ,4 mm mold cavity CFM continuous filament mat

MECHANICAL PERFORMANCE		
	FLEXURAL	
	Strenght(Mpa)	Modulus(Mpa)
P450C450	150	6600
P450D450	165	8500
CFM(2 layers of 450 gr/m2)	125	6050

RESIN FLOW PERFORMANCE	
	Kg/min
P450C450	12
P450D450	9
CFM(2 layers of 450 gr/m2)	7

**Nida-Core Corp. 541 NW Interpark Place Port St. Lucie FL 34986 USA**  
**Tel: 772.343.7300 Fax: 772.343.9700 www.nida-core.com**

All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Nida-Core Corp will not assume any liability form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

Several products offered by Nida-Core Corp. are approved by:

