

CAMPUS® 数据表

Novodur® H605 - ABS

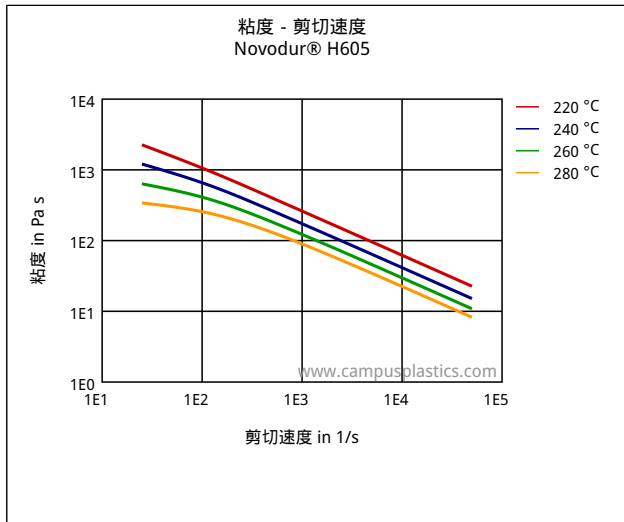
INEOS Styrolution Europe GmbH

INEOS
STYROLUTION

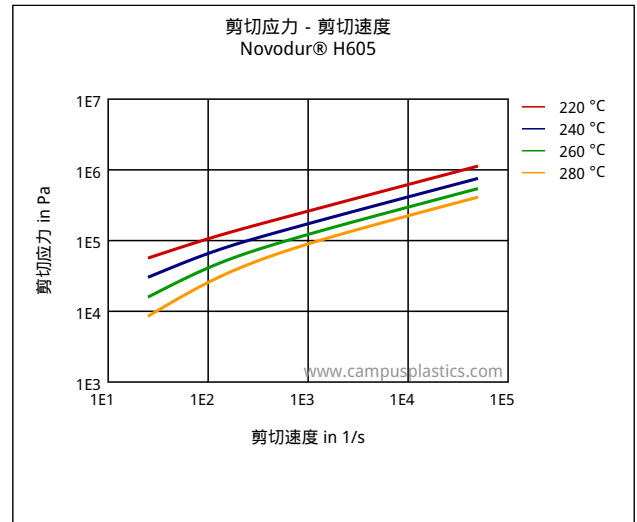
材料文字说明			
low emission, easy-flowing			
流变性能	价值	单位	测试标准
熔体体积流动速度, MVR	25	cm ³ /10min	ISO 1133
温度	220	°C	ISO 1133
负荷	10	kg	ISO 1133
机械性能	价值	单位	测试标准
拉伸模量	2400	MPa	ISO 527-1/-2
屈服应力	47	MPa	ISO 527-1/-2
屈服伸长率	2.5	%	ISO 527-1/-2
无缺口简支梁冲击强度, +23°C	90	kJ/m ²	ISO 179/1eU
无缺口简支梁冲击强度, -30°C	80	kJ/m ²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	17	kJ/m ²	ISO 179/1eA
简支梁缺口冲击强度, -30°C	7	kJ/m ²	ISO 179/1eA
热性能	价值	单位	测试标准
热变形温度, 1.80 MPa	98	°C	ISO 75-1/-2
热变形温度, 0.45 MPa	102	°C	ISO 75-1/-2
维卡软化温度, 50°C/h 50N	101	°C	ISO 306
1.5mm名义厚度时的燃烧性	HB	class	IEC 60695-11-10
测试用试样的厚度	1.6	mm	IEC 60695-11-10
电性能	价值	单位	测试标准
相对介电常数, 100Hz	3.1	-	IEC 62631-2-1
相对介电常数, 1MHz	3	-	IEC 62631-2-1
介质损耗因子, 100Hz	50	E-4	IEC 62631-2-1
介质损耗因子, 1MHz	80	E-4	IEC 62631-2-1
介电强度	33	kV/mm	IEC 60243-1
相对漏电起痕指数	600	-	IEC 60112
其它性能	价值	单位	测试标准
密度	1050	kg/m ³	ISO 1183
流变计算用参数.	价值	单位	测试标准
熔体密度	895	kg/m ³	-
熔体	0.129	W/(m K)	-
熔体的比热	1800	J/(kg K)	-
喷射温度	90	°C	-
试样制备条件	价值	单位	测试标准
注塑, 熔体温度	240	°C	ISO 294
注塑, 模具温度	70	°C	ISO 294
注塑, 注射速度	240	mm/s	ISO 294

函数

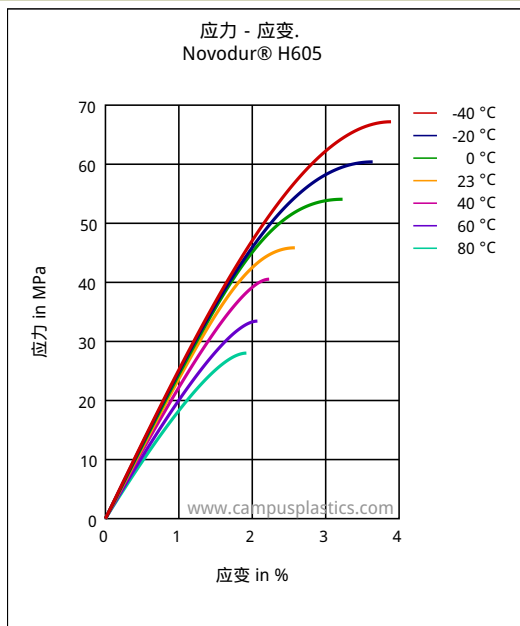
粘度 - 剪切速度



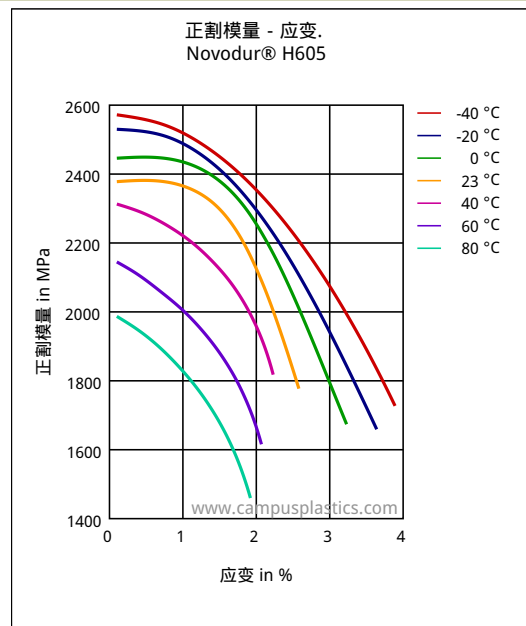
剪切应力 - 剪切速度



应力 - 应变



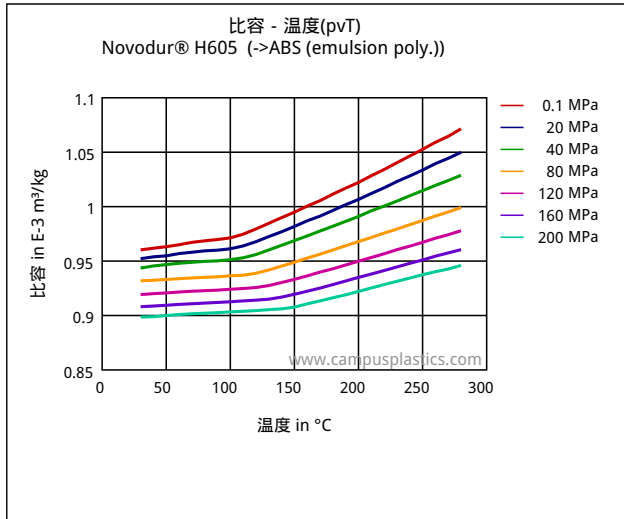
正割模量 - 应变



Novodur® H605 - ABS

INEOS Styrolution Europe GmbH

比容 - 温度(pvT)



典型数据

加工方法

注塑

地区供应

欧洲, 亚太, 中南美洲, 中东/非洲

供货形式

粒料

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