

## TechnicalDataSheet

## AirFiltration

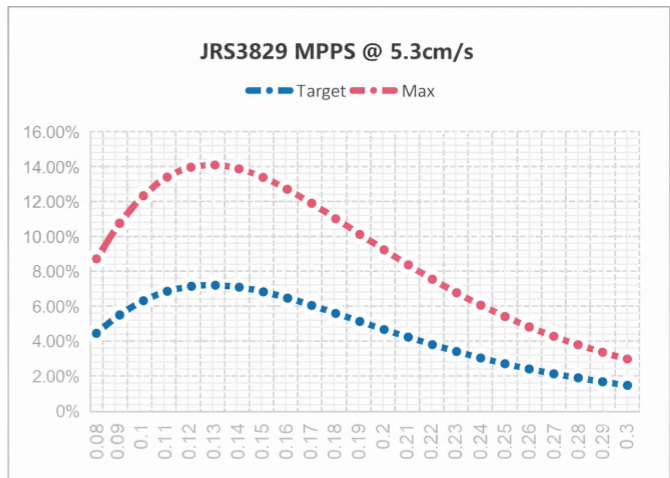
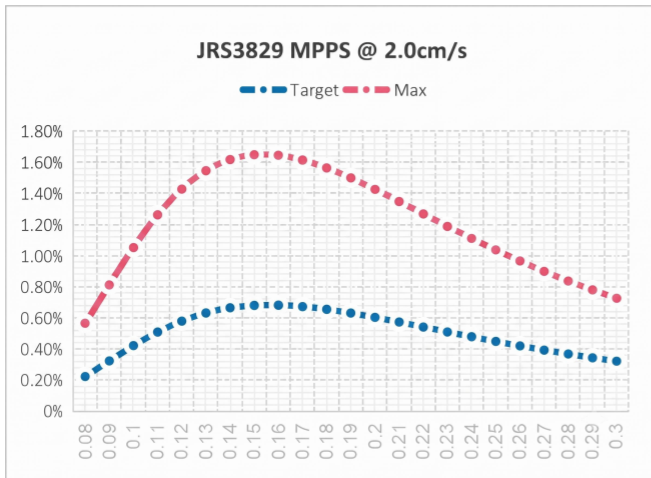
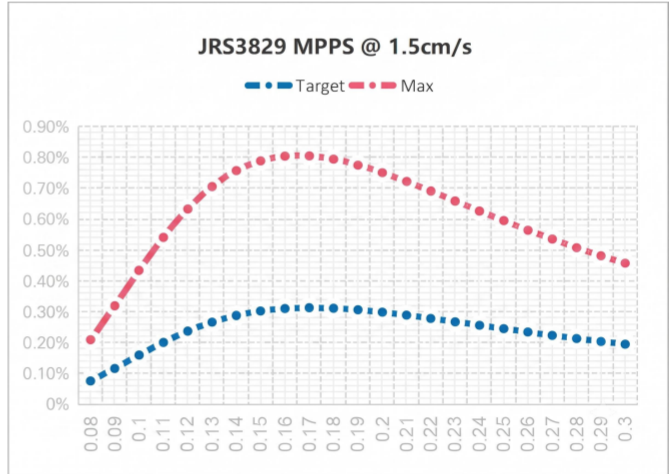
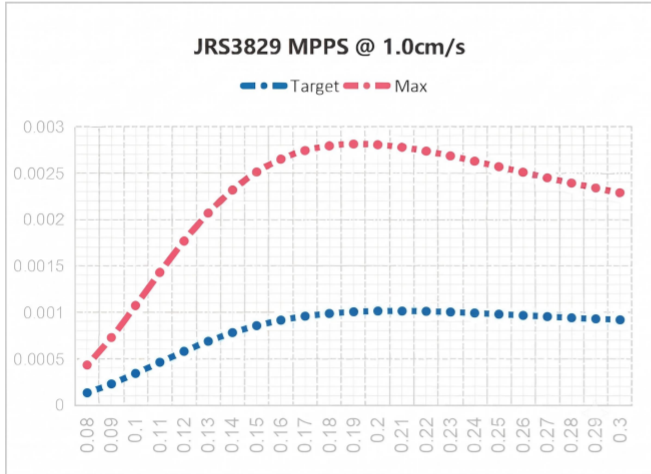


JRS3829 air filtration media delivers maximum efficiency (H13/H14) with minimal airflow resistance for microelectronics and pharmaceutical applications. Engineered for both mini-pleat and deep-pleat designs, this borosilicate glass fiber media ensures superior performance and reduced energy costs.

	Unit	Max	Target	Min	Test Method
BASIS WEIGHT:	(g/m <sup>2</sup> )	80.0	75.0	70.0	GB/T 451.2-1989 TAPPI 410 om-2002
Thickness (50 kPa):	(mm)	0.450	0.393	0.330	GB/T 451.3-2002(50kpa) TAPPI 411 om-2015(50kpa)
AIR FLOW RESISTANCE: @ 5.33 cm/s - 32 L/min	(mm H <sub>2</sub> O) (Pa)	32.0 313.0	29.5 289.0	/ /	ATI-100XP Automated Filter Test
DOP PENETRATION:(0.3um) @ 5.33 cm/s - 32 L/min	%	0.0300	0.0150	/	ATI-100XP Automated Filter Test
TENSILE STRENGTH—MD:	(kN/m)	/	1.500	1.200	GB/T 12914-2008 (25.4mm/min) TAPPI 494 om-2013(25.4mm/min)
TENSILE STRENGTH—CD :	(kN/m)	/	0.60	0.40	GB/T 12914-2008 (25.4mm/min) TAPPI 494 om-2013(25.4mm/min)
GURLEY STIFFNESS— MD :	(mg) (mg)	/	1020	800	TAPPI 543 om-2005
WATER REPELLENCY:	(mm H <sub>2</sub> O) (Pa)	/	1020 9996	640 6272	GB/T 4744-2013 ISO 811-2018

Performance Disclaimer: Actual performance may vary based on filter design and manufacturing tolerances. We guarantee that all parameters remain within the specified TDS ranges. We reserve the right to update specifications without prior notice as part of our continuous improvement policy.

## Typical Property Sheet



The typical parameters provided by our company are based on filter media test data. Actual filtration performance may vary depending on filter design and processing, as well as normal variations of the filter media within technical specifications. For further data and application recommendations, please contact our engineers.