

# Specifications for Plastic Optical Fiber

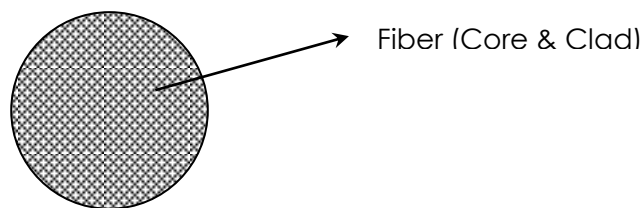
## Multicore POF<sup>TM</sup> MBL-1000

Issued on : April 30, 2020

Issued by : Asahi Kasei Corporation  
Plastic Optical Fiber  
Marketing & Development Gr

## 1, STRUCTURE

ITEM	UNIT	Specifications
Core Material		PMMA
Clad Material		Fluorinated Polymer
Fiber Diameter	μm	1000 ± 60
Core Number		13000
NA		0.5



## 2, PROPERTIES

ITEM	UNIT	Specification	
Application Temperature Range	°C	-55 ~ 60	
Tensile Strength at Break Point	N	≥ 50	*1

### Sample conditions

Temperature: T = 23°C  
 Humidity: RH = 50%  
 Storage time: t = 200h

\*1 : Interval between grippers = 100 mm, Tensile Speed = 100mm/min

### 3, RoHS certification

The product does not contain RoHS 2 hazardous substances, Cadmium, Lead, Mercury, Chromium (VI), PBB, PBDE, DIBP, DEHP, DBP and BBP intentionally.