

Makemake (Dwarf Planet)

Diameter: 1,434 km - here: 1.4 mm

Mass: $3.1 \cdot 10^{21}$ kg

Surface temperature: -235 °C

Distance to the Sun: 6.77 billion km - here: 6.77 km

Orbital period: 307.7 years

Number of moons: 1

Sponsored by:

Annelie Perschke and Bodo Linke, Frankfurt (Oder)

Dwarf Planet Makemake



Picture (Makemake and his moon nicknamed MK2)

Author: NASA, ESA, and A. Parker and M. Buie (Southwest Research Institute)

https://en.wikipedia.org/wiki/Makemake#/media/File:Makemake_and_its_moon.jpg

The dwarf planet is named after the creator god of Easter Island, Makemake. It belongs to the subclass of Plutoids (Pluto-like) and to the Kuiper belt. Makemake has a reddish coloration, which is caused by methane. The surface seems to be very homogeneous and consists of

nitrogen, carbon monoxide and argon ice. Makemake has one moon (designation: S/2015 (136472) 1, nickname: MK2). The moon is black and hardly reflects light (albedo 0.01). It has a diameter of about 200 km).

Important Data of Makemake:

Semi-major axis:	45.561 AU (6.773,8 mio. km)
Perihelion – Aphelion:	38.360 – 52.761 AU
Eccentricity:	0.158
Elcliptic inclination:	28.980°
Sidereal orbit period:	307,7 a
Average orbit speed:	4.38 km/s
Equator diameter:	1,434 km
Polar diameter:	1,420 km
Mass:	about 0.0007 Earth masses ($3,1 \cdot 10^{21}$ kg)
Mean density:	1.4–3.2 g/cm ³
Sidereal rotation period:	7.771 h

Link: <https://en.wikipedia.org/wiki/Makemake>